

# AMERICAN TRANSPLANT CONGRESS

Seattle, WA • May 18-22, 2013

WASHINGTON STATE CONVENTION & TRADE CENTER

[WWW.ATCMEETING.ORG](http://WWW.ATCMEETING.ORG)

**ASTS**  
American Society of Transplant Surgeons

**AST**  
AMERICAN SOCIETY  
OF TRANSPLANTATION

*Pre-Meeting Symposia* • Saturday, May 18, 2013  
*ATC Annual Meeting* • Saturday May 18 – Wednesday, May 22, 2013  
*Exhibits* • Saturday, May 18 – Monday, May 20, 2013





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## Welcome Letter

The American Society of Transplant Surgeons (ASTS) and the American Society of Transplantation (AST) are pleased to invite you to the 2013 American Transplant Congress (ATC) – the thirteenth annual American meeting.

Brimming with the latest clinical and basic research and unique educational opportunities, ATC offers unparalleled opportunities for learning, sharing ideas, and interacting with colleagues. This year the Congress returns to Seattle, WA and the Washington State Convention Center. Conveniently located in the heart of downtown Seattle, the venue features easy access to convention hotels and the natural beauty of Puget Sound and the magnificent Olympic mountains, including Mount Rainer.

This year’s program features exciting new formats and changes:

- Saturday pre-meeting symposia now start at 1:00 pm to accommodate morning arrivals into Seattle. These specially designed symposia provide an in-depth experience into a single topic.
- For those looking for an interactive program with ample time for comments and discussion, try the luncheon workshops, led by experts in the field.
- Completely new for 2013, “sunset” symposia include two concurrent basic science sessions Sunday evening from 6:30 to 7:45 pm.

- Choose from a broad selection of focused concurrent symposia following the morning joint plenary sessions on Sunday – Tuesday.
- Afternoon sessions, specialized symposia, and the popular “Transplantation in Depth” are now complemented by concurrent abstract sessions.
- Join friends and colleagues on Tuesday, May 22, for a very special “ATC night out.” This fun-filled and popular event has been moved into the Sheraton Seattle Hotel to make it easy to attend.
- “Innovators in Transplantation” session: To celebrate the creativity and commitment of individual leaders in the field, a special session will take place with presentations by ‘giants’ in the field. Their work will be used as a model to understand how progress occurs and to motivate and inform the next wave of advances.
- Be sure to stay until the end! Following the ‘Innovators’ session, the meeting wraps up with “What’s Hot, What’s New”, highlighting some of the most exciting work presented at ATC.

ATC is unmatched in breadth of educational programs, reports of the most significant research results, and the opportunity to network with other transplant professionals. Please join us for what promises to be a fantastic meeting framed by the natural beauty of Seattle and the Pacific Northwest.



**Jay Fishman, MD**  
*Chair*



**Seth Karp, MD**  
*Chair*



**Robert Fairchild, PhD**  
*Co-Chair*



**Dorry Segev, MD**  
*Co-Chair*



**Peter Heeger, MD**  
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**Randall Sung, MD**  
*Co-Chair, Elect*



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Randall Sung, MD • University of Michigan

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#### MEETING HEADQUARTERS

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## Committees & Staff

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## How to Use This Interactive PDF

### THIS PDF CONTAINS INTERACTIVE NAVIGATION\*

Please click buttons to navigate between different sections of content, and click hyperlinks to open a browser window to the indicated website page. Further information about the ATC program can be retrieved from the official website, <http://2013.atcmeeting.org/>

\* *Please note that interactive features may not display/ be available on all devices.*

\*\* *Interactive elements will not display upon printing.*

TOPIC

Click one of the four buttons above to navigate to a specific section of content within this program.

Clicking a green button on this panel will navigate to a topic within the currently viewed section.

Clicking hyperlinks will open a browser window to the indicated page

In the program section, clicking a red icon will advance the view to the next session in that specific track of presentations.

- KIDNEY
- ALLIED HEALTH
- PHARMACY
- CLINICAL
- INFECTIOUS DISEASE
- IMMUNOLOGY
- BASIC
- IMMUNOSUPPRESSION
- HEART

Click this button to open a browser window to the ATC Registration website.

Clicking the left and right arrows will advance between adjacent pages of this program.



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## General Information

### ABSTRACTS

Abstracts selected for ATC will be presented in plenary, concurrent and poster sessions that will highlight the most outstanding papers from all transplant specialties. Notification of acceptance of these papers will be sent in early February, 2013.

All accepted abstracts will be published in the official ATC program book, a supplement to the joint ASTS/AST journal, *American Journal of Transplantation (AJT)*. The supplement will be mailed to all AJT subscribers prior to the meeting. All abstracts selected for presentation and the final program will be available online through the ATC website, [www.atcmeeting.org](http://www.atcmeeting.org), by April 4, 2013.

### ABSTRACT EMBARGO

In compliance with the Securities and Exchange Commission's Regulation FD (Fair Disclosure), the accepted abstracts are made available to the public on the ATC website and are published in a special supplement of *American Journal of Transplantation (AJT)* in advance of the meeting. Thus, the first release of the abstracts is a public release. Coverage of additional research being presented at the annual meeting is under embargo until the date of presentation.

Academic institutions, private organizations, and companies with products whose value may be influenced by information contained in an abstract may issue a press release to coincide with the availability of an abstract. However, the ATC continues to require information that goes beyond that contained within the abstract, e.g., discussion of the abstract done as part of a scientific presentation, is to be embargoed until the start of the scientific sessions. Violation of this policy may result in the abstract being withdrawn from the meeting and other measures deemed appropriate. Journalists failing to abide by the embargo may have their press credentials revoked.

### PROGRAM INFORMATION

#### PRE-MEETING SYMPOSIA

The Pre-Meeting symposia courses have been planned and developed as afternoon courses. The planning committee has selected specialized topics that will appeal to all specialists in the field of transplantation science and medicine.

Registration for these courses is separate from the annual meeting. One registration fee will allow you to attend any course.

#### SUNRISE SYMPOSIA

Concurrent Sunrise Symposia are 7:00 am – 8:15 am on Sunday, May 19 through Wednesday, May 22. These are single-topic symposia that are open to all registrants of ATC. A continental breakfast will be provided each morning.

#### WORKSHOP SESSIONS

Sunday and Tuesday's Workshop sessions are provided for attendees looking for networking opportunities in a smaller group atmosphere. These limited attendance sessions are moderated by experts in the field and allow attendees the opportunity for a small interactive discussion on a specific topic of interest. Tickets must be purchased in advance at an additional fee. Lunch is available in the workshop meeting room.

#### EXHIBITS

The exhibits are an integral part of the complete educational experience and will feature the latest in technology and research in the field of transplantation medicine. The exhibits will be located on Level 4 of the Washington State Convention Center in Exhibit Hall E and F. All ATC attendees will receive detailed information about the exhibits in the final program. You are encouraged to check the schedule of activities for exhibit hours so you can take full advantage of ATC 2013's exhibits.



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### ACCREDITATION

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the American Society of Transplant Surgeons and the American Society of Transplantation. The American Society of Transplant Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

The ASTS designates this live activity for a maximum of 36 *AMA PRA Category 1 Credit(s)*<sup>TM</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### TRANSPLANT COORDINATORS

Category 1 Continuing Education Points for Transplant Coordinators (CEPTCs) have been applied for through the American Board for Transplant Certification (ABTC).

### PHARMACISTS

This activity is eligible for ACPE credit, details will be posted online in April 2013.

### NURSES

Continuing nursing education credit available; details will be posted online in April 2013.

### HOTEL AND TRAVEL INFORMATION

Make your hotel reservation by visiting [atcmeeting.org](http://atcmeeting.org).

#### AIR TRAVEL

The ATC has designated Crystal Travel Management Company as their official travel agent for the Congress.

To make a flight reservation, contact Sean Kelly at Crystal Travel Management Company at 1-888-327-2862 or via email at [sean@crystaltravel.biz](mailto:sean@crystaltravel.biz).

To obtain the most competitive rates, please refer to the ATC meeting when making your reservations. Fare restrictions and cancellations penalties may apply to your travel. Be sure to book your flight reservations well in advance to receive the best rates and to have the agent advise you of an applicable restrictions.

[www.atcmeeting.org](http://www.atcmeeting.org)

### INTERNATIONAL TRAVELERS

All visitors to the United States must have a valid passport. Please go to [www.UnitedStatesVisas.gov](http://www.UnitedStatesVisas.gov) for the official source of information about US visa policy and procedures. Use this site to learn about the visa application process, understand current requirements and get updates on recent developments.

This site serves as a single point of access to US visa information. It will connect you to additional in-depth information found on websites managed by the US State Department and the US Department of Homeland Security.

We also recommend you to check the validity of your passport for entering the United States. Official letters of invitation will be available to those who have paid and registered for the meeting. Once registered you will have the option to request a Visa invitation letter.

*Note: As of June 26, 2005, all persons traveling under the Visa Waiver Program must present a machine-readable passport for visa-free travel to the US. People with immediate travel plans who are unable to obtain a machine-readable passport in time may apply for a US visa at a US consulate or embassy abroad.*



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## General Information

### REGISTRATION INFORMATION

The ASTS and AST offer a discounted registration fee if you register by April 17, 2013. Registration forms, including complete payment, must be received by this date to qualify for the early registration discount. Early registration is strongly recommended for those who wish to ensure their choice for workshop tickets. Additionally, early registration ensures timely processing of your registration and helps avoid lengthy on-site lines. The early registration fees are considerably lower than on-site fees due to the increased costs for on-site registration including equipment, staff and set-up.

### REFUND POLICY

Requests for refunds must be submitted via email to [astagliano@atcmeeting.org](mailto:astagliano@atcmeeting.org) by May 7, 2013 to be eligible for reimbursement. There will be a \$75 processing fee for all refunds. Refunds will not be processed until after the meeting. Refund requests after May 7, 2013, will not be honored. There are no refunds for ticketed or social events.

If you register under the incorrect registration category, there will be a \$75 processing fee to alter your registration. Please make sure you have carefully reviewed the Registration Types online at <http://2013.atcmeeting.org/registration-types> before you register. Requests to change a registration category must be submitted via email to

[astagliano@atcmeeting.org](mailto:astagliano@atcmeeting.org) by May 7, 2013. We are not able to change your registration type after this date.

### ONLINE REGISTRATION

Registration may be submitted only via the ATC website, [www.atcmeeting.org](http://www.atcmeeting.org). Registrations submitted online are not considered complete until processed.

### INSURANCE

Registration for the ATC implies that the delegate agrees that neither the ASTS nor AST assume any liability or responsibility whatsoever. Congress delegates are requested to make their own arrangements for medical, travel and personal insurance.

### CANCELLATION OF THE CONGRESS

In the event the ATC is abbreviated or cancelled because of fire, explosion, strike, freight embargo, epidemic, catastrophe, act of God, or the act of a public enemy or official thereof, the ASTS or AST reserve the right, in its sole discretion, to unilaterally terminate the Congress. In such cases, the registrant hereby agrees to waive any claim he, she or it may have against the ATC for damages or compensation including, but not limited to, fees for registration, housing, airfare and incidental charges.

### PRESS

Press may register for the meeting free of charge as Press. Online registration is now available for press. If you register online, your registration will be pending until your press credentials have been verified. Credentialed media have access to all general sessions including, plenary, poster discussion and concurrent sessions. Access (registration) to ticketed events with limited enrollment such as early morning workshops is restricted to ticket holders only. Registration to the Pre-Meeting symposia is not included in the press registration and you should register and pay separately for these events. The ATC reserves the right to restrict attendance at any session. Press are required to check in at the on-site press room (please carry your media press credential in order to receive a Press Pass). The Press Room will be open beginning Saturday, May 18, 2013—hours and location will be posted in the final meeting program and onsite. The official ATC Press Relations contact is Linda Woody, 856-439-0500, [Lwoody@ahint.com](mailto:Lwoody@ahint.com).

### ADA STATEMENT

ADA accommodations will be made in accordance with the law. If you require ADA accommodations, please indicate what your needs are at the time of registration. We cannot ensure the availability of appropriate accommodations without prior notification.



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## Meeting at a Glance

### WHO SHOULD ATTEND

This meeting is designed for physicians, surgeons, scientists, nurses, organ procurement personnel, and pharmacists who are interested in the clinical and research aspects of solid organ and tissue transplantation.

### OVERVIEW OF THE AMERICAN TRANSPLANT CONGRESS (ATC)

- To provide a forum for exchange of new scientific and clinical information relevant to solid organ and tissue transplantation.
- To create an arena for the interchange of ideas regarding care and management of organ and tissue transplant recipients.
- To facilitate discussions of socioeconomic, ethical, and regulatory issues related to solid organ and tissue transplantation.

A variety of formats are planned that will encourage the exchange of new scientific and clinical information and support an interchange of opinions regarding care and management issues, as well as socioeconomic, ethical and regulatory issues relevant to organ and tissue transplantation.

Scientific material will be presented through symposia, oral abstracts, concurrent workshops, and poster presentations as well as small group sessions designed for in-depth exploration of both clinical and basic science topics.

### SATURDAY, MAY 18

1:00 PM – 5:30 PM

Pre-Meeting Symposia

5:30 PM – 7:30 PM

Opening Reception, Exhibits,  
Poster Session I

### SUNDAY, MAY 19

7:00 AM – 8:15 AM

Sunrise Symposia

8:15 AM – 8:30 AM

Break

8:30 AM – 9:45 AM

Joint Plenary

9:45 AM – 10:00 AM

AST Lifetime Achievement Awards

10:00 AM – 10:15 AM

ASTS Lifetime Achievement Awards

10:15 AM – 10:45 AM

State-of-the-Art Address

10:45 AM – 11:00 AM

Coffee Break

11:00 AM – 12:30 PM

Midday Symposia

11:00 AM – 12:00 PM

Meet-the-Expert – Keynote Speaker

12:30 PM – 12:45 PM

Break

12:45 PM – 2:00 PM

Luncheon Workshops

2:00 PM – 2:15 PM

Break

2:15 PM – 3:45 PM

Concurrent Abstract Sessions

2:15 PM – 4:15 PM

Transplantation in Depth – Clinical

2:15 PM – 5:00 PM

Allied Health Symposium I

2:15 PM – 5:30 PM

The Science, The Art, and the  
Allure of Transplantation

3:45 PM – 4:00 PM

Break

4:00 PM – 5:30 PM

Concurrent Abstract Sessions

5:30 PM – 6:30 PM

Poster Session II

6:30 PM – 7:45 PM

Sunset Symposia



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## Meeting at a Glance

### MONDAY, MAY 20

7:00 AM – 8:15 AM	Sunrise Symposia
8:15 AM – 8:30 AM	Break
8:30 AM – 9:30 AM	Joint Plenary
9:30 AM – 9:45 AM	AST Awards
9:45 AM – 10:15 AM	AST Presidential Address
10:15 AM – 10:45 AM	State-of-the-Art Address
10:45 AM – 11:00 AM	Coffee Break
11:00 AM – 12:30 PM	Midday Symposia
11:00 AM – 12:00 PM	Meet-the-Expert – Keynote Speaker
12:30 PM – 2:15 PM	Break
2:15 PM – 3:45 PM	Concurrent Abstract Sessions
2:15 PM – 5:15 PM	Transplantation in Depth: Basic
2:15 PM – 5:30 PM	New Frontiers in Pediatric Transplantation
2:15 PM – 5:30 PM	Allied Health Symposium II
3:45 PM – 4:00 PM	Break
4:00 PM – 5:30 PM	Concurrent Abstract Sessions
5:30 PM – 6:30 PM	Poster Session III
5:45 PM – 7:00 PM	AST Business Meeting

### TUESDAY, MAY 21

7:00 AM – 8:15 AM	Sunrise Symposia
8:15 AM – 8:30 AM	Break
8:30 AM – 9:15 AM	Joint Plenary
9:15 AM – 9:30 AM	ASTS Awards
9:30 AM – 10:00 AM	ASTS Presidential Address
10:00 AM – 10:15 AM	Break
10:15 AM – 11:00 AM	Controversies in Transplantation: Debates
11:00 AM – 11:15 AM	Coffee Break
11:15 AM – 12:45 PM	Midday Symposia
12:45 PM – 1:00 PM	Break
1:00 PM – 2:00 PM	Luncheon Workshops
2:00 PM – 2:15 PM	Break
2:15 PM – 3:45 PM	Concurrent Abstract Sessions
2:15 PM – 5:00 PM	Allied Health Symposium III
2:15 PM – 5:00 PM	Thoracic Allocation in the US and Europe
3:45 PM – 4:00 PM	Break
4:00 PM – 5:30 PM	Concurrent Abstract Sessions
5:30 PM – 6:30 PM	Poster Session IV
6:00 PM – 7:00 PM	ASTS Business Meeting
7:30 PM – 11:00 PM	ATC Night Out

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## Meeting at a Glance

### WEDNESDAY, MAY 22

7:00 AM	–	8:15 AM	Sunrise Symposia
8:15 AM	–	8:30 AM	Break
8:30 AM	–	10:00 AM	Concurrent Abstract Sessions
10:00 AM	–	10:15 AM	Coffee Break
10:15 AM	–	11:30 AM	Innovators in Transplantation
11:30 AM	–	12:30 PM	Lunch Break
12:30 PM	–	1:30 PM	Joint Plenary
1:30 PM	–	1:45 PM	Break
1:45 PM	–	2:45 PM	What's Hot, What's New



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## Program Saturday, May 18, 2013

### PRE-MEETING SYMPOSIA

1:00 PM – 5:30 PM

#### Medical Care of the Kidney Transplant Recipient

##### Keeping the Kidney Recipient Alive

*Moderators: Christin Rogers, Pharm D, BCPS, Clinical Pharmacy Coordinator - Solid Organ Transplant, Beth Israel Deaconess Medical Center, Boston, MA and Dianne LaPointe Rudow, ANP-BC, DNP, CCTC, Associate Professor, Recanti/Miller Transplantation Institute, New York, NY*

**1:00 PM – 1:25 PM**      **Should We Screen for Common Cancers Post-Transplant?**  
Angela Webster, MBBS, MM(Clin Epi), PhD, FRCP and FRACP  
Associate Professor  
Centre for Transplant and Renal Research, Westmead Hospital  
Sydney, Australia

**1:25 PM – 1:50 PM**      **Post-Transplantation Obesity: Is Surgical Management Preferred over Medical Therapy?**  
Michelle A. Josephson, MD  
Professor of Medicine  
University of Chicago  
Chicago, IL

**1:50 PM – 2:15 PM**      **Post-Transplant Hypertension: Should ACE-Inhibitors Be the Treatment of Choice?**  
Bertram Kasiske, MD  
Professor of Medicine, University of Minnesota  
Hennepin County Medical Center  
Minneapolis, MN

**2:15 PM – 2:40 PM**      **Hyperuricemia Post-Transplantation: Should Everyone Be Treated?**  
G. V. Ramesh Prasad, MBBS, FRCP  
Associate Professor of Medicine  
University of Toronto  
Toronto, Canada

**2:40 PM – 3:05 PM**      **Immunization Post-Transplantation: What is Necessary and What is Safe?**  
Camille Kotton, MD  
Associate Professor  
Clinical Director, Transplant Infectious Disease  
General Massachusetts Hospital  
Boston, MA

**3:05 PM – 3:15 PM**      **Break**

##### Breakout #1: Physician: Keeping the Kidney Allograft Alive

*Moderators: Donald Hricik, MD, Professor of Medicine, Case Western Reserve University, Cleveland, OH and Robert Gaston, MD, Endowed Professor of Transplant Nephrology, University of Alabama at Birmingham, Birmingham, AL*

**3:15 PM – 3:40 PM**      **DSA Late Post-Transplant: Should We Measure It and Do We Need to Treat it?**  
Peter Nickerson, MD  
Professor, Internal Medicine and Immunology  
University of Manitoba  
Winnipeg, Canada

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**Pharmacists:** This activity is eligible for ACPE credit, see [www.atcmeeting.org](http://www.atcmeeting.org) for more details.

**Nurses:** Continuing nursing education credit available; see [www.atcmeeting.org](http://www.atcmeeting.org) for more details.



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- 3:40 PM – 4:05 PM**     **FSGS: How to Prevent and Manage Recurrence Post-Transplantation?**  
Flavio Vincenti, MD  
Professor of Clinical Medicine  
University of California - San Francisco  
San Francisco, CA
- 4:05 PM – 4:30 PM**     **BK Monitoring: Has it Improved Post-Transplant Graft Outcome?**  
Hans Hirsch, MD, MSc  
Professor  
University of Basel / Institute for Medical Microbiology  
Basel, Switzerland
- 4:30 PM – 4:55 PM**     **CNI Toxicity: Is this Really a Significant Cause of Graft Loss?**  
Alexander Wiseman, MD  
Associate Professor  
University of Colorado of Denver HSC  
Aurora, CO

## Breakout #2: Allied Health: Clinical Management Issues in Transplant for the Allied Health Professional

*Moderators: Deonna Moore, MSN, ACNP-BC, PhD, Vanderbilt, Nashville, TN and Ashley Heath Seawright, DNP, ACNP-BC, University of Mississippi Health Care, Jackson, MS*

- 3:15 PM – 3:40 PM**     **Living Renal Donors: Preoperative Evaluation with MRI**  
Reena C. Jha, MD  
Associate Professor of Radiology & Surgery and Director, MRI  
Medstar Georgetown University Hospital  
Washington, DC
- 3:40 PM – 4:05 PM**     **Diagnostic Labs: Why Basic Labs Require Advanced Interpretation in Transplant Patients**  
Tamara Fazzolare, PA-C  
Pediatric Physician Assistant  
Children's Hospital of Pittsburgh of UPMC  
Pittsburgh, PA
- 4:05 PM – 4:30 PM**     **Identifying and Preventing Early Medication Errors and Adverse Drug Events in Transplant Recipients**  
David Taber, PharmD  
Assistant Professor  
Medical University of South Carolina  
Charleston, SC
- 4:30 PM – 4:55 PM**     **Transplant Dermatology: Assessing and Diagnosing Skin Cancers Post-Transplant**  
Christine Dewitt, MD  
Assistant Professor of Dermatology  
Georgetown University Medical Center  
Chevy Chase, MD

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# AMERICAN TRANSPLANT CONGRESS

Seattle, WA • May 18-22, 2013

## Program Saturday, May 18, 2013

### Breakout #3: Pharmacy: Primary Care Issues in Transplantation:

#### What Makes the Transplant Patient Unique?

*Moderators: Steve Gabardi, PharmD, FCCP, BCPS, Abdominal Organ Transplant Clinical Specialist, Brigham & Women's Hospital, Boston, MA and Angela Maldonado, PharmD, BCPS, Clinical Associate Professor/Kidney Transplant Pharmacist, Washington State University/Providence Sacred Heart Medical Center, Spokane, WA*

3:15 PM – 3:40 PM

#### Hyperlipidemia: Best Practices for Managing the Transplant Recipient's Cardiovascular Risk

Lyndsey Bowman, PharmD  
Clinical Pharmacist, Abdominal Organ Transplantation  
Barnes-Jewish Hospital  
Saint Louis, MO

3:40 PM – 4:05 PM

#### Diabetes in the Transplant Recipient

Barbara Weis, MSN, NP  
Senior Instructor  
University of Colorado Health Sciences Center  
Golden, CO

4:05 PM – 4:30 PM

#### Nutritional Supplements and Vitamins Post-Transplant-Are They Needed or Safe?

Anne Marie Rivard, DNP  
Registered Dietician  
Yale-New Haven Hospital  
New Haven, CT

4:30 PM – 4:55 PM

#### Strategies to Reduce Medication Cost: A Focus on the Purse

Lisa Potter, PharmD  
Clinical Coordinator, Organ Transplantation  
University of Chicago Medicine  
Chicago, IL

## CLINICAL RESEARCH: BASICS AND BEYOND

1:00 PM – 5:30 PM

### Research Using Secondary Data: Not as Simple as You Might Think

*Moderators: Amit Mathur, MD, Clinical Lecturer, University of Michigan, Ann Arbor, MI, and Chris Simpkins, MD, MPH, Dartmouth Hitchcock Medical Center, Lebanon, NH*

1:00 PM – 1:30 PM

#### A Look Inside the SRTR Data

Jon Snyder, PhD  
Director, Transplant Epidemiology  
Minneapolis Medical Research Foundation  
Minneapolis, MN

1:30 PM – 2:00 PM

#### USRDS and Medicare Claims Data

John Gill, MD, MS  
Associate Professor of Medicine  
University of British Columbia  
Vancouver, Canada

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# AMERICAN TRANSPLANT CONGRESS

Seattle, WA • May 18-22, 2013

## Program Saturday, May 18, 2013

2:00 PM – 2:30 PM

### Pharmacy Claims and Other Novel Data Sources

Krista Lentine, MD  
Associate Professor of Medicine  
Saint Louis University  
Saint Louis, MO

2:30 PM – 3:00 PM

### Statistical Pitfalls in Transplant Registry Studies

Allan Massie, PhD  
Instructor  
John Hopkins University  
Baltimore, MD

3:00 PM – 3:15 PM

### Q/A Panel

3:15 PM – 3:30 PM

### Break

### Human Subjects Research: Expensive and Logistically Complex

*Moderators: Elizabeth Anne Pomfret, MD, PhD, FACS, Professor of Surgery, Tufts University, Chair, Department of Transplantation & HPB, Labey Clinic Medical Center, Burlington, MA, and Arthur Matas, MD, Professor of Surgery, University of Minnesota, Minneapolis, MN*

3:30 PM – 4:00 PM

### Designing Randomized and Nonrandomized Human Subjects Studies

Joseph Kim, MD, PhD, MHS, FRCPC  
Assistant Professor of Medicine  
Transplant Nephrologist  
Toronto, Canada

4:00 PM – 4:30 PM

### Feasibility, Recruitment, Retention, and Logistics

E. Steve Woodle, MD  
Professor, Director of Transplant Surgery  
University of Cincinnati College of Medicine  
Cincinnati, OH

4:30 PM – 5:00 PM

### Getting Funding for Human Subjects Research

Robert M. Merion, MD  
Professor of Surgery  
University of Michigan  
Ann Arbor, MI

5:00 PM – 5:30 PM

### Getting Your Research Published

Allan Kirk, MD, PhD  
Professor of Surgery and Pediatrics  
Emory University  
Atlanta, GA

## TRANSPLANT INFECTIOUS DISEASES

### An Overview For The Transplant Clinician

*Moderators: Emily Blumberg, MD, Professor of Medicine, Perelman School of Medicine of the University of Pennsylvania, Philadelphia, PA, and Natasha Halasa, MD, MPH, Associate Professor, Vanderbilt University, Nashville, TN*

1:00 PM – 1:30 PM

### EBV and PTLN

Thomas Gross, MD, PhD  
Professor, Pediatrics  
The Ohio State University  
Lewis Center, OH

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# AMERICAN TRANSPLANT CONGRESS

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## Program Saturday, May 18, 2013

1:30 PM – 2:00 PM

### Optimizing Pediatric Vaccination

Lara Danziger-Isakov, MD, MPH  
Associate Professor  
Cincinnati Children's Hospital Medical Center  
Cincinnati, OH

2:00 PM – 2:30 PM

### The Impact of Respiratory Viral Infections in Lung Recipients

Eric Cober, MD  
Associate Professor of Medicine  
Cleveland Clinic Foundaton  
Cleveland, OH

2:30 PM – 3:00 PM

### Infection Control & Solid Organ Transplantation

Catherine Liu, MD  
Assistant Professor, Division of Infectious Diseases  
University of California- San Francisco  
San Francisco, CA

3:00 PM – 3:15 PM

### Break

### Common Challenges

*Moderators: Marian Michaels, MD, MPH, Professor of Pediatrics and Surgery, Childrens Hospital of Pittsburgh of UPMC, Pittsburgh, PA, and Deepali Kumar, MD, Associate Professor of Medicine, University of Alberta, Edmonton, Canada*

3:15 PM – 3:45 PM

### Preparing Your Patient for Transplantation - ID Perspectives

Steven Mawhorter, MD  
Professor of Medicine  
Cleveland Clinic  
Cleveland, OH

3:45 PM – 4:15 PM

### Gastrointestinal Infections Post-Transplant

Diana Florescu, MD  
Professor  
University of Nebraska Medical Center  
Omaha, NE

4:15 PM – 4:45 PM

### Management of UTIs in Transplant Patients

Kathleen Julian, MD  
Associate Professor of Medicine  
Division of Infectious Diseases, Penn State Hershey Medical Center  
Hershey, PA

4:45 PM – 5:15 PM

### Polyoma Infections in Transplantation: BKVN and PML and Malignancies?

Cynthia Drachenberg, MD  
Professor of Pathology  
University of Maryland School of Medicine  
Baltimore, MD

### Basic Immunology and Transplant Immunology for the Clinician

*Moderators: William Baldwin, MD, PhD, Staff Immunology, Cleveland Clinic Main Campus, Lerner Research Institute, Cleveland, Ohio and Stefan Tullius, MD, PhD, FACS, Chief, Division of Transplant Surgery; Associate Professor of Surgery, Brigham and Women's Hospital, Boston, MA*

1:00 PM – 1:15 PM

### Overview-What Does an Immune Response Look Like, Start to Finish

Robert Fairchild, PhD  
Professor of Molecular Medicine  
Cleveland Clinic  
Cleveland, OH

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## Program Saturday, May 18, 2013

**1:15 PM – 1:45 PM**     **Ischemia-Reperfusion Injury, Clinical Impact and Mechanisms of Injury**  
Stefan Tullius, MD, PhD, FACS  
Chief, Division of Transplant Surgery; Associate Professor of Surgery  
Brigham and Women's Hospital  
Boston, MA

**1:45 PM – 2:15 PM**     **Innate Immunity and Its Role in Allograft Rejection**  
Fadi Lakkis, MD  
Frank & Athena Sarris Chair in Transplantation Biology  
University of Pittsburgh/Starzl Transplant Institute  
Pittsburgh, PA

**2:15 PM – 2:45 PM**     **Development of Donor-Reactive T Cell Responses**  
Melissa Yeung, MD  
Instructor in Medicine  
Brigham & Women's Hospital  
Boston, MA

**2:45 PM – 3:15 PM**     **Cell Mediated Rejection; Effector Mechanisms, Injury and Consequence**  
Jonathan Bromberg, MD, PhD  
Professor of Surgery and Microbiology and Immunology  
University of Maryland School of Medicine  
Baltimore, MD

**3:15 PM – 3:30 PM**     **Break**

**3:30 PM – 4:00 PM**     **Antibody Mediated Effector Mechanisms and Rejection**  
William Baldwin, MD, PhD  
Staff, Immunology  
Cleveland Clinic Main Campus, Lerner Research Institute  
Cleveland, OH

**4:00 PM – 4:30 PM**     **Memory and Consequences in Graft Outcome**  
Andrew Adams, MD, PhD  
Assistant Professor of Surgery  
Emory University  
Atlanta, GA

**4:30 PM – 5:00 PM**     **Cell-Mediated Regulation in Allograft Recipients**  
David Rothstein, MD  
Professor of Surgery, Medicine and Immunology  
Thomas E. Starzl Transplant Institute  
Pittsburgh, PA

**5:00 PM – 5:30 PM**     **Tolerance Strategies Go into the Patient**  
Kenneth Newell, MD, PhD  
Professor of Surgery  
Emory University School of Medicine  
Atlanta, GA

### Advanced Immunology Updates for Basic and Clinical Scientists

*Moderators: Jonathan Maltzman, MD, PhD, Assistant Professor, University of PA, Renal-Electrolyte & Hypertension Division, Philadelphia, PA and Anna Valujskikh, PhD, Associate Staff, The Cleveland Clinic, Cleveland, OH*

**1:00 PM – 1:30 PM**     **DAMPs**  
Bernd Schroppel, MD  
Assistant Professor  
Mount Sinai School of Medicine  
New York, NY

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# AMERICAN TRANSPLANT CONGRESS

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## Program Saturday, May 18, 2013

1:30 PM – 2:00 PM

### Functional Development of Th1, 2, 9 and 17

William J. Burlingham, PhD  
Professor of Division of Transplantation  
University of Wisconsin  
Madison, WI

4:15 PM – 5:15 PM

### Top 10 Immunology Papers of the Year – Panel

2:00 PM – 2:30 PM

### Update on Tregs

Maria-Luisa Alegre, MD, PhD  
Professor  
The University of Chicago  
Chicago, IL

## OPENING RECEPTION, EXHIBITS, AND POSTER SESSION I

5:30 PM - 7:30 PM

2:30 PM – 3:00 PM

### Update on B cell Populations and Activation

Anna Valujskikh, PhD  
Associate Staff  
The Cleveland Clinic  
Cleveland, OH

3:00 PM – 3:15 PM

### Break

3:15 PM – 3:45 PM

### Update on Positive and Negative Costimulatory Pathways

Nader Najafian, MD  
Assistant Professor  
Transplant Research Center  
Boston, MA

3:45 PM – 4:15 PM

### Update on T cell Signaling Pathways and New Intracellular Targets for Drugs in Transplantation

Jonathan Maltzman, MD, PhD  
Assistant Professor  
University of PA, Renal-Electrolyte & Hypertension Division  
Philadelphia, PA

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# AMERICAN TRANSPLANT CONGRESS

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## Program Sunday, May 19, 2013

### SUNRISE SYMPOSIA

7:00 AM – 8:15 AM

#### Kidney Paired Donation

*Moderators: David Serur, MD, Associate Professor of Clinical Medicine and Surgery, New York Presbyterian Weill Cornell, Englewood, NJ and Sommer Gentry, PhD, Associate Professor of Mathematics, United States Naval Academy, Baltimore, MD*

**7:00 AM – 7:15 AM**      **Update on the UNOS KPD Program**  
Richard Formica, MD  
Associate Professor of Medicine and Surgery/Director of Transplant Medicine  
Yale University School of Medicine  
New Haven, CT

**7:15 AM – 7:30 AM**      **Findings from a National Consensus Conference**  
Marc Melcher, MD  
Assistant Professor  
Stanford University  
Palo Alto, CA

**7:30 AM – 7:45 AM**      **Evolution of a Single-Center KPD Program**  
Adam Bingaman, MD, PhD  
Director, Live Donor and Incompatible Kidney Transplant Programs  
Texas Transplant Institute, Methodist Specialty and Transplant Hospital  
San Antonio, TX

**7:45 AM – 8:00 AM**      **Progress Towards a Financial Model for KPD**  
Michael Rees, MD, PhD  
Professor and Vice-Chair of Urology  
University of Toledo Medical Center  
Toledo, OH

**8:00 AM – 8:15 AM**      **Panel Q/A Discussion**

#### Development of Validated Lab Protocols in the CTOT

*Moderators: Nancy Bridges, MD, Pediatric Cardiologist, National Institute of Health, Bethesda, MD and Peter Heeger, MD, Professor of Medicine and Immunology, Mount Sinai School of Medicine, New York, NY*

**7:00 AM – 7:05 AM**      **Intro**  
Peter Heeger, MD  
Professor of Medicine and Immunology  
Mount Sinai School of Medicine  
New York, NY

**7:05 AM – 7:20 AM**      **HLA Ab Monitoring**  
Elaine Reed, PhD  
Professor of Pathology and Laboratory Medicine  
University of California Los Angeles  
Los Angeles, CA

**7:20 AM – 7:35 AM**      **Digital Image Analysis/Cross Validation of Pathology**  
John Friedewald, MD  
Associate Professor of Medicine & Surgery  
Northwestern University  
Chicago, IL

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## Program Sunday, May 19, 2013

7:35 AM – 7:50 AM

### Flow Cytometry

Aneesh Mehta, MD  
Assistant Professor of Medicine  
Emory University School of Medicine  
Atlanta, GA

7:50 AM – 8:05 AM

### Q RT/PCR Analysis of Urine and Blood

Karen Keslar, Ph.D  
Lead Research Technologist  
Cleveland Clinic  
Cleveland, OH

## Personalized Immunosuppression in Liver Transplant Recipients

*Moderators: John Lake, MD, Professor of Medicine, University of Minnesota Medical School, Minneapolis, MN and Richard Mangus, MD, MS, FACS, Assistant Professor of Surgery, Indiana University, Dept of Surgery, Indianapolis, IN*

7:00 AM – 7:25 AM

### The Past, Present and Future of Immunosuppression in Liver Transplantation

John O'Grady, MD FRCPI  
Professor  
King's College Hospital  
London, United Kingdom

7:25 AM – 7:50 AM

### Tailoring Immunosuppressive Strategies to Minimize Liver Transplant Complications

James Trotter, MD  
Medical Director of Liver  
Baylor University Medical Center  
Dallas, TX

7:50 AM – 8:15 AM

### Identifying Candidates for Immunosuppression Minimization or Withdrawal: Closing in on Tolerance

Sandy Feng, MD, PhD  
Professor of Surgery  
University of California-San Francisco  
San Francisco, CA

## Bench to the Bedside: Epstein-Barr Virus

*Moderators: Mike Nalesnik, MD, Professor of Pathology, University of Pittsburgh, Pittsburgh, PA and Michael Green, MD, MPH, Professor of Pediatrics, Surgery & Clinical and Translational Science, Children's Hospital of Pittsburgh, Pittsburgh, PA*

7:00 AM – 7:25 AM

### Pathogenesis of PTLD

Olivia Martinez, PhD  
Professor  
Stanford University School of Medicine  
Stanford, CA

7:25 AM – 7:50 AM

### Novel Biomarkers to Predict PTLD? Beyond Viral Load

Upton Allen, MBBS, MSc, FAAP  
Professor of Pediatrics  
Chief Division of Infectious Diseases  
University of Toronto  
Toronto, Canada

7:50 AM – 8:15 AM

### State-of-the Art Therapy for PTLD

Andrew Evens, DO, MS  
Associate Professor  
University of Massachusetts Medical School  
Worcester, MA

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# AMERICAN TRANSPLANT CONGRESS

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## Program Sunday, May 19, 2013

### APOL1/MYH9 in Kidney Transplantation

*Moderators: Karl Womer, MD, Associate Professor of Medicine, Johns Hopkins University School of Medicine, Baltimore, MD and Anil K. Chandraker, MD, FRCP, Medical Director, Kidney & Pancreas Transplantation Brigham & Women's Hospital, Boston, MA*

**7:00 AM – 7:25 AM**     **APOL1 and MYH9 Associated End-Stage Renal Disease in African Americans**  
Martin Pollak, MD  
Professor of Medicine, Harvard Medical School  
Beth Israel Deaconess Medical Center  
Boston, MA

**7:25 AM – 7:50 AM**     **APOL1 Gene Variants in African American Kidney Transplant Recipients and the Impact on Kidney Transplant Outcomes**  
Belinda Lee, MD  
Research Fellow  
Brigham and Women's Hospital  
Boston, MA

**7:50 AM – 8:15 AM**     **APOL1 Gene Variants in African American Kidney Donors**  
Barry Freedman, MD  
Professor and Chief, Section on Nephrology  
Wake Forest School of Medicine  
Winston-Salem, NC

### Cultural Competency in Transplantation

*Moderators: Robert Higgins, MD, MSHA, Executive Director, Comprehensive Transplant Center, The Ohio State University Wexner Medical Center, Columbus, OH and Arturo Hernandez, MD, Staff Physician, Howard University Hospital, Washington, DC*

**7:00 AM – 7:25 AM**     **Community-Based Approach: MOTTEP results in African Americans, Hispanic Americans and Asians**  
Clive Callender, MD, FACS  
Professor of Surgery  
Howard University Hospital  
Washington, DC

**7:25 AM – 7:50 AM**     **Transplant Centered Approach: Northwestern Experience in Hispanic Americans**  
Juan Caicedo, MD  
Assistant Professor of Surgery  
Northwestern University, Feinberg School of Medicine  
Chicago, IL

**7:50 AM – 8:15 AM**     **Cultural Competency: Clinical**  
Sharon Ross  
Executive Director  
Donate Life San Diego  
San Diego, CA

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## Program Sunday, May 19, 2013

### Heart Donor Trends: New Revelations

*Moderators: Sean Pinney, MD, Associate Professor of Medicine, Mount Sinai Medical Center, New York, NY and David Baran, MD, Clinical Associate Professor of Medicine, Newark Beth Israel Medical Center, Livingston, NJ*

- 7:00 AM – 7:25 AM**      **Selection of Donor Hearts: Does a Marginal Heart Exist?**  
Richard Pierson, III, MD  
Senior Associate Dean; Professor of Surgery  
University of Maryland  
Baltimore, MD
- 7:25 AM – 7:50 AM**      **Hormonal Therapy in Thoracic Organ Transplantation: Does it Work?**  
Dimitri Novitzky, MD, PhD  
Former Professor of Cardiothoracic Surgery  
University of South Florida  
Miami, FL
- 7:50 AM – 8:15 AM**      **Use of the TransMedics Heart in a Box for Donor Transport: A New Beginning?**  
Fardad Esmailian, MD  
Professor of Surgery; Surgical Director, Heart Transplant  
Cedars-Sinai Heart Institute  
Los Angeles, CA

### Cellular Xenotransplantation

*Moderators: Bernhard Hering, MD, Professor of Surgery of Medicine, Scientific Director, University of Minnesota, Schulze Diabetes Institute, Minneapolis, MN and David Cooper, MD PhD, Professor of Surgery, University of Pittsburgh - Thomas E. Starzl Transplant Institute, Pittsburgh, PA*

- 7:00 AM – 7:25 AM**      **Minimizing Immunosuppression in Preclinical Islet Xenotransplantation**  
Chung-Gyu Park, MD  
Professor, Director of Department of Microbiology & Immunology  
Seoul National University College of Medicine  
Seoul, Korea
- 7:25 AM – 7:50 AM**      **Xenotransplantation of Encapsulated Hepatocytes**  
Leo Buhler, MD  
Associate Professor  
University Hospital of Geneva  
Geneva, Switzerland
- 7:50 AM – 8:15 AM**      **Local Immunosuppression for Protection of Intracerebral Neural Cell Xenotransplants**  
Emanuele Cozzi, MD, PhD  
Director, Transplant Immunology Unit  
Padua University Hospital  
Padua, Italy

**BREAK**

**8:15 AM – 8:30 AM**

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# AMERICAN TRANSPLANT CONGRESS

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## Program Sunday, May 19, 2013

### JOINT PLENARY

8:30 AM – 9:45 AM

### AST LIFETIME ACHIEVEMENT AWARDS

9:45 AM – 10:00 AM

### ASTS LIFETIME ACHIEVEMENT AWARDS

10:00 AM – 10:15 AM

### STATE-OF-THE-ART ADDRESS

10:15 AM – 10:45 AM

#### **Toward a Genetic Theory of Infectious Diseases**

Jean-Laurent Casanova, MD, PhD  
Professor  
Head, St. Giles Laboratory of Human Genetics of Infectious Diseases  
The Rockefeller University  
New York, NY

### COFFEE BREAK

10:45 AM – 11:00 AM

### MIDDAY SYMPOSIA

11:00 AM – 12:30 PM

#### **Recognition of Self DNA as an Instigator of Tissue Pathology**

*Moderators: Todd Brennan, MD, MS, Assistant Professor of Surgery, Duke University Medical Center, Durham, NC and Donna L. Farber, PhD, Professor of Surgical Sciences, Columbia Center for Translational Immunology, New York, NY*

11:00 AM – 11:30 AM

#### **TLR9 signaling by Mitochondrial DNA Mediates Myocarditis and Heart Failure**

Kinya Otsu, MD, PhD  
Professor of Cardiology  
King's College London  
London, United Kingdom

11:30 AM – 12:00 PM

#### **Fatal Inflammation through TLR9 Signaling**

Clinton Webb, PhD  
Regents' Professor and Chair  
Georgia Regents University  
Augusta, GA

12:00 PM – 12:30 PM

#### **Sensing Tissue Damage and Ischemia Through Toll Like Receptors**

Tim Billiar, MD  
Professor and Chair  
University of Pittsburgh  
Pittsburgh, PA

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## Program Sunday, May 19, 2013

### Transcription Factors in the Development of Tolerance

*Moderators: Andrew Wells, PhD, Associate Professor, University of Pennsylvania and The Children's Hospital of Philadelphia, Philadelphia, PA and Jessamyn Bagley, PhD, Assistant Professor, Tufts Medical Center, Boston, MA*

- 11:00 AM – 11:30 AM Sirtuin Regulation of Peripheral T Cell Tolerance**  
Deyu Fang, PhD  
Associate Professor  
Northwestern University  
Chicago, IL
- 11:30 AM – 12:00 PM C3a Receptor and C5a Receptor Signaling Modulate Regulatory T Cell Induction, Function and Stability**  
Peter Heeger, MD  
Professor of Medicine and Immunology  
Mount Sinai School of Medicine  
New York, NY
- 12:00 PM – 12:30 PM Novel Mechanisms Controlling Treg Function and Stability**  
Laurence Turka, MD  
Professor of Surgery, and Co-Director of the Transplantation Biology Research Center  
Massachusetts General Hospital  
Boston, MA

### Successful Approaches to Expanding Live Donation

*Moderators: Connie Davis, MD, Chief Medical Officer, Skagit Regional Health, Mount Vernon, WA and Christie Thomas, MD, Professor of Internal Medicine, University of Iowa Carver College of Medicine, Iowa City, IA*

- 11:00 AM – 11:20 AM The House Calls Trial**  
James Rodrigue, PhD  
Associate Professor  
Beth Israel Deaconess Medical Center  
Boston, MA
- 11:20 AM – 11:40 AM Exploring Transplant Expanding Live Donor Transplantation Through Education**  
Amy Waterman, PhD  
Associate Professor of Medicine  
Washington University School of Medicine  
Saint Louis, MO
- 11:40 AM – 12:00 PM The Live Donor Champion Program - Separating the Patient From the Advocate**  
Jacqueline Garonzik-Wang, MD, PhD  
Surgical Resident  
Johns Hopkins University  
Baltimore, MD
- 12:00 PM – 12:20 PM Update on Kidney Paired Donation as Expansion of Live Donor Transplantation**  
Michael Rees, MD, PhD  
Professor and Vice-Chair of Urology  
University of Toledo Medical Center  
Toledo, OH

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# AMERICAN TRANSPLANT CONGRESS

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## Program Sunday, May 19, 2013

12:20 PM – 12:30 PM Q & A

### How I Do It - Technical Challenges in Liver Transplantation

*Moderators: David Cronin II, MD PhD, Professor of Surgery, Medical College of Wisconsin, Milwaukee, WI and Sophoclis P. Alexopoulos, MD, Assistant Professor of Clinical Surgery, University of Southern California, Los Angeles, CA*

**11:00 AM – 11:30 AM Techniques in Reoperative Liver Transplantation**

Abraham Shaked, MD, PhD  
Professor of Surgery  
University of Pennsylvania  
Philadelphia, PA

**11:30 AM – 12:00 PM Techniques in Vascular Reconstruction**

Goran Klintmalm, MD, PhD  
Chief of Transplantation Services  
Baylor University  
Dallas, TX

**12:00 PM – 12:30 PM Complex Biliary Reconstructions in Liver Transplantation**

Charles Miller, MD  
Director of Liver Transplantation  
Transplantation Center at Cleveland Clinic Foundation  
Cleveland, OH

### Improving Deceased Donor Kidney Allocation

*Moderators: John Friedewald, MD, Associate Professor of Medicine & Surgery, Northwestern University, Chicago, IL and Blanche Chavers, MD, Professor of Pediatrics, University of Minnesota Pediatric Nephrology, Minneapolis, MN*

**11:00 AM – 11:30 AM An Update on the UNOS Kidney Allocation Policy Proposal**

Richard Formica, MD  
Associate Professor of Medicine and Surgery/Director of Transplant Medicine  
Yale University School of Medicine  
New Haven, CT

**11:30 AM – 12:00 PM An Equity-Based Approach to Kidney Allocation**

Lainie Ross, MD, PhD  
Professor  
University of Chicago  
Chicago, IL

**12:00 PM – 12:30 PM Gaining Extra Life Years Through Kidney Allocation**

Alan Leichtman, MD  
Professor of Medicine  
University of Michigan  
Ann Arbor, MI

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# AMERICAN TRANSPLANT CONGRESS

Seattle, WA • May 18-22, 2013

## Program Sunday, May 19, 2013

### Advances in Costimulation Targeting in Transplantation: From the Bench to the Clinic

*Moderators: Thomas Pearson, MD, DPhil, Professor, Emory University, Atlanta, GA and Nader Najafian, MD, Assistant Professor, Transplant Research Center, Boston, MA*

- 11:00 AM – 11:30 AM**    **Blocking Costimulatory Signals (B7:CD28 and CD40:CD40L)**  
William Kitchens, MD, PhD  
Research Fellow  
Emory Transplant Center  
Atlanta, GA
- 11:30 AM – 12:00 PM**    **Enhancing Inhibitory Signals (PD1:PDL1)**  
Leonardo Riella, MD, PhD  
Associate Physician  
Brigham and Women's Hospital, Harvard Medical School  
Boston, MA
- 12:00 PM – 12:30 PM**    **Promises and Challenges of Costimulation Targeting in the Clinic**  
Flavio Vincenti, MD  
Professor of Clinical Medicine  
University of California - San Francisco  
San Francisco, CA

### Bench to the Bedside: Cytomegalovirus

*Moderators: Paul Griffiths, MD, Professor of Virology, University College London, London, United Kingdom and Camille Kotton, MD, Associate Professor, Clinical director, Transplant Infectious Disease, General Massachusetts General Hospital, Boston, MA*

- 11:00 AM – 11:30 AM**    **CMV Immunology, Evasion and Latency**  
Mary Hummel, PhD  
Research Associate Professor  
Northwestern University  
Chicago, IL
- 11:30 AM – 12:00 PM**    **Immunologic Tools to Predict CMV Risk**  
Oriol Manuel, MD  
Staff Physician  
University Hospital of Lausanne, Infectious Diseases Service and Transplantation Center  
Lausanne, Switzerland
- 12:00 PM – 12:30 PM**    **Novel Prevention and Treatment Strategies for CMV**  
Atul Humar, MD  
Professor, Department of Medicine  
University of Alberta  
Edmonton, Canada

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# AMERICAN TRANSPLANT CONGRESS

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## Program Sunday, May 19, 2013

### Cardiovascular Disease in Transplant Recipients: Selection, Management and Risk Reduction

*Moderators: Christopher Blosser, MD, Clinical Assistant Professor Departments of Internal Medicine and Pediatrics, University of Iowa Hospitals and Clinics, Iowa City, IA and Deborah Adey, MD, Professor of Medicine, University of California, Sacramento, CA*

**11:00 AM – 11:30 AM Cardiovascular Assessment of Patients Prior to Transplant**  
Bertram Kasiske, MD  
Professor of Medicine, University of Minnesota  
Hennepin County Medical Center  
Minneapolis, MN

**11:30 AM – 12:00 PM Post Transplant Follow-up & Management of Patients with Cardiac Disease**  
Fernando G. Cosio, MD  
Internal Medicine Physician  
Mayo Clinic Transplant Center  
Rochester, MN

**12:00 PM – 12:30 PM Exercise Intervention to Improve Cardiovascular Health**  
Patricia Painter, PhD  
Associate Research Faculty  
University of Utah  
Salt Lake City, UT

### Advances in Cardiac Transplantation

*Moderators: Randall Starling, MD, MPH, Professor of Medicine, Cleveland Clinic, Cleveland, OH and April Stempien-Otero, MD, Associate Professor of Medicine, University of Washington Medical Center, Seattle, WA*

**11:00 AM – 11:25 AM Advances in Cardiothoracic Transplantation Tolerance Induction**  
James S. Allan, MD  
Assistant Professor of Surgery  
Massachusetts General Hospital  
Boston, MA

**11:25 AM – 11:50 AM Genomic and Proteomic Biomarkers in Cardiac Transplantation**  
Bruce McManus, MD, PhD  
Professor, Department of Pathology and Laboratory Medicine, UBC  
St. Paul's Hospital, University of British Columbia  
Vancouver, BC

**11:50 AM – 12:15 PM Advances in Immunosuppression after Cardiac Transplantation**  
Daniel Fishbein, MD  
Professor of Medicine  
University of Washington Medical Center  
Seattle, WA

**12:15 PM – 12:30 PM Panel Discussion**

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# AMERICAN TRANSPLANT CONGRESS

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## Program Sunday, May 19, 2013

### Meet The Expert – Jean Laurent Casanova - Keynote Speaker

**11:00 AM – 12:00 PM** Jean-Laurent Casanova, MD, PhD  
Professor  
Head, St. Giles Laboratory of Human Genetics of Infectious Diseases  
The Rockefeller University  
New York, NY

### BREAK

**12:30 PM – 12:45 PM**

### LUNCHEON WORKSHOPS TICKETED EVENTS

**12:45 PM – 2:00 PM**

#### Strategies to Overcome Non-Adherence to Immunosuppression

*Sabina De Geest, PhD, RN, Professor of Nursing, University of Basel, Basel, Switzerland and Cynthia Russell, PhD, Professor, University of Missouri-Kansas City, Kansas City, MO*

#### New Onset Diabetes Mellitus after Transplantation: Can We Prevent It?

*Harini Chakkerla, MD MPH, Assistant Professor, Mayo Clinic Arizona, Phoenix, AZ and Fu Lung Luan, MD, Associate Professor of Medicine, University of Michigan Health Systems, Ann Arbor, MI*

### Training the Next Generation of Transplant Physicians and Surgeons

*Jonathan Fryer, MD, Professor of Surgery, Northwestern University Medical School, Chicago, IL and Josh Levitsky, MD, Associate Professor of Medicine, Northwestern Memorial Hospital, Chicago, IL*

#### Making the Most of Allograft Biopsy: What Every Transplant Clinician Must Know

*Michael Mengel, MD, Associate Professor, Laboratory Medicine and Pathology, Edmonton, Canada and Oyedele Adeyi, MD, Assistant Professor of Pathology, University Health Network/University of Toronto, Toronto, Canada*

#### Role and Career Development for the Advanced Practice Providers?

*Deborah Hoch, DNP, ACNP-BC, Nurse Practitioner Transplantation, Maine Medical Center, Portland, ME and Donna Hathaway, PhD, FAAN, University Professor, University of Tennessee Health Science Center, Memphis, TN*

#### B cells: Damaging or Protective?

*Anna Valujskikh, PhD, Associate Staff, The Cleveland Clinic, Cleveland, OH and David Rothstein, MD, Professor of Surgery, Medicine and Immunology, Thomas E Starzl Transplant Institute, Pittsburgh, PA*

#### IL-2 Neutralization: Good for Inhibiting Effector T Cell Priming vs. Bad for Undermining Treg Function

*Andrew Wells, PhD, Associate Professor, University of Pennsylvania and The Children's Hospital of Philadelphia, Philadelphia, PA and Kathryn Wood, MD, Professor of Immunology, University of Oxford, Oxford, United Kingdom*

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## Program Sunday, May 19, 2013

### Cardiac Allograft Vasculopathy: Pathophysiologic and Clinical Considerations

Randall Starling, MD, MPH, Professor of Medicine, Cleveland Clinic, Cleveland, OH and David Briscoe, MD, MRCP, ASCI, Associate Professor, Harvard Medical School, Children's Hospital Boston, Boston, MA

### Top 10 Papers in Transplant Infectious Disease

David Snyderman, MD, Professor of Medicine, Tufts Medical Center, Boston, MA and Ajit Limaye, MD, Professor of Medicine, University of Washington, Seattle, WA

### Streamlining Kidney Transplant Candidate and Donor Evaluations

Sanjay Kulkarni, MD, Associate Professor of Surgery & Medicine, Yale University, New Haven, CT and Deonna Moore, MSN, ACNP-BC, Nurse Practitioner, Vanderbilt University Medical Center, Nashville, TN

### Risk-Benefit of Transplanting Marginal Livers

Shawn Pelletier, MD, Associate Professor of Surgery, University of Virginia Health System, Charlottesville, VA and David Foley, MD, Associate Professor of Surgery, University of Wisconsin, Madison, WI

### Direct Acting Antivirals for HCV Post-Liver Transplant

Frederic Gordon, MD, Associate Professor of Medicine, Labey Clinic Medical Center, Burlington, MA and James Burton, Jr, MD, Associate Professor of Medicine, University of Colorado, Aurora, CO

### A Business Model for The Transplant Pharmacist

Eric Tichy, PharmD, BCPS, Senior Clinical Pharmacy Specialist, Yale-New Haven Hospital, New Haven, CT and Edward Zavala, MBA, Transplant Administrator and Research Assistant Professor, Vanderbilt University, Nashville, TN

## BREAK

2:00 PM – 2:15 PM

## CONCURRENT ABSTRACT SESSIONS

2:15 PM – 3:45 PM

## TRANSPLANTATION IN DEPTH – CLINICAL

2:15 PM – 4:15 PM

Moderators: Elizabeth Pomfret, MD, PhD, FACS, Professor of Surgery, Tufts University, Chair, Department of Transplantation & HPB, Labey Clinic Medical Center, Burlington, MA, and Kim Olthoff, MD, Donald Guthrie Professor of Surgery, University of Pennsylvania Hospital, Philadelphia, PA

2:15 PM – 2:55 PM

### Liver Transplantation at Asan Medical Center

Sung Gyu Lee, MD  
Professor of Surgery  
Director of Liver Transplantation and Hepatobiliary Surgery,  
Asan Medical Center, Ulsan University  
Seoul, Korea

2:55 PM – 3:35 PM

### Liver Transplantation in Japan

Yukihiro Inomata, MD  
Professor, Department of Transplantation and Pediatric Surgery  
Kumamoto University Hospital  
Kumamoto, Japan

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## Program Sunday, May 19, 2013

3:35 PM – 4:15 PM

### **Liver Transplantation in Hong Kong**

Chung-Mau Lo, MD  
Professor  
The University of Hong Kong  
Hong Kong, China

3:15 PM – 3:45 PM

### **Expanding the Criteria for Living Donors: What Are the Limits?**

David Serur, MD  
Associate Professor of Clinical Medicine and Surgery  
New York Presbyterian Weill Cornell  
Englewood, NJ

## ALLIED HEALTH SYMPOSIUM I: LIVING DONATION: PRACTICE GUIDELINES FOR THE ADVANCED TRANSPLANT PRACTITIONER

3:45 PM – 4:15 PM

### **The Impact of Patient Education on Outcomes after Living Donor Transplant**

James Rodrigue, PhD  
Associate Professor  
Beth Israel Deaconess Medical Center  
Boston, MA

**2:15 PM – 5:00 PM**

*Moderators: Mark Burns, DNP, Instructor of Medicine, Mayo Clinic, Gilbert, AZ and Marian O'Rourke, RN, CCTA, Associate Director, Miami Transplant Institute, Miami, FL*

4:15 PM – 4:45 PM

### **Maximizing Live Donation: An Algorithm for Program Process Improvement**

Deonna Moore, MSN, ACNP-BC  
Nurse Practitioner  
Vanderbilt University Medical Center  
Nashville, TN

2:15 PM – 2:45 PM

### **Donor Consent: What Do Potential Living Donors Want and Need to Know?**

Elisa Gordon, PhD, MPH  
Research Associate Professor  
Northwestern University Feinberg School of Medicine  
Chicago, IL

4:45 PM – 5:00 PM

### **Panel Discussion**

2:45 PM – 3:15 PM

### **The Living Donor Evaluation: Optimal Assessment for Improved Outcomes**

Dianne LaPointe Rudow, ANP-BC, DNP, CCTC  
Associate Professor  
Recanti/Miller Transplantation Institute  
New York, NY

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# AMERICAN TRANSPLANT CONGRESS

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## Program Sunday, May 19, 2013

### THE SCIENCE, THE ART, AND THE ALLURE OF TRANSPLANTATION

**2:15 PM – 5:30 PM**

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

*Moderator: Dorry Segev, MD, PhD, Associate Professor of Surgery, Epidemiology, and Biostatistics, Johns Hopkins University, Baltimore, MD and Michael Englesbe, MD, Associate Professor of Surgery, University of Michigan, Ann Arbor, MI*

#### Part 1: Fundamental Concepts of Transplantation

Transplantation is a broad reaching field. In almost every medical specialty, you can pursue a transplant subspecialty. The transplant-specific aspects of each specialty are unique, interesting, and an elegant combination of science specific to the specialty and science common to transplantation.

**2:15 PM – 2:30 PM**

#### **Old School: My Heroes in Solid Organ Transplantation**

Lloyd Ratner, MD, MPH  
Professor of Surgery  
Columbia University  
New York, NY

**2:30 PM – 2:45 PM**

#### **Immunosuppression: How it Works, Why We Need It, and When We Won't**

Kenneth Newell, MD, PhD  
Professor of Surgery  
Emory University School of Medicine  
Atlanta, GA

**2:45 PM – 3:00 PM**

#### **Liver Transplantation: Big Operations, Big Wins**

Goran Klintmalm, MD, PhD  
Chief of Transplantation Services  
Baylor University  
Dallas, TX

**3:00 PM – 3:15 PM**

#### **Kidney Transplantation: Antibodies are Barriers—Or Are They?**

Robert Montgomery, MD, PhD, FACS  
Professor of Surgery  
Johns Hopkins University  
Baltimore, MD

**3:15 PM – 3:30 PM**

#### **Thoracic Transplantation: The Vital Side of the Diaphragm**

Robert Higgins, MD, MSHA  
Executive Director, Comprehensive Transplant Center  
The Ohio State University Wexner Medical Center  
Columbus, OH

**3:30 PM – 3:45 PM**

#### **Transplant ID: A Journey Through Bizarre Transplant Infections**

Michael Ison, MD, MS  
Associate Professor  
Northwestern University Comprehensive Transplant Center  
Chicago, IL

**3:45 PM – 4:00 PM**

#### **Live Donation: Perspective of a Donor/Physician**

Adrian Cotterell, MD  
Associate Professor of Surgery  
Medical College of Virginia Campus, Virginia Commonwealth University  
Richmond, VA

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## Program Sunday, May 19, 2013

4:00 PM – 4:15 PM

### **Basic Science Research: Lessons from the Laboratory**

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

4:15 PM – 4:30 PM

### **Clinical Research: The Whole Field is Your Laboratory**

John Gill, MD, MS  
Associate Professor of Medicine  
University of British Columbia  
Vancouver, Canada

### **Part 2: Why I Love It**

4:30 PM – 5:30 PM

### **Breakout Panels: Why I Love It**

We each have our reasons for entering transplantation. For some, it's the allure of taking a helicopter at 3 in the morning to go recover a liver, and transplanting it into a patient who otherwise would die within a week. For some, it's the complexity of caring for sick, immunosuppressed patients. For some, it's the wide array of research opportunities in a quickly-moving field where national policy actually responds to research.

### **Surgery:**

Kenneth Newell, MD, PhD  
Professor of Surgery  
Emory University School of Medicine  
Atlanta, GA

Yolanda Becker, MD  
Professor of Surgery, Director of Kidney and Pancreas Transplant  
University of Chicago  
Chicago, IL

Robert Higgins, MD, MSHA  
Executive Director, Comprehensive Transplant Center  
The Ohio State University Wexner Medical Center  
Columbus, OH

Jayne Locke, MD, MPH  
Assistant Professor of Surgery  
University of Alabama at Birmingham  
Birmingham, AL

### **Medicine:**

Camille Kotton, MD  
Associate Professor  
Clinical director, Transplant Infectious Disease  
Massachusetts General Hospital  
Boston, MA

Flavio Vincenti, MD  
Professor of Clinical Medicine  
University of California - San Francisco  
San Francisco, CA

John Gill, MD, MS  
Associate Professor Of Medicine  
University of British Columbia  
Vancouver, Canada

Robert Gaston, MD  
Endowed Professor of Transplant Nephrology  
University of Alabama at Birmingham  
Birmingham, AL

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## Program Sunday, May 19, 2013

### Basic Science:

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

Robert Fairchild, PhD  
Professor of Molecular Medicine  
Cleveland Clinic  
Cleveland, OH

Roslyn Mannon, MD  
Professor of Medicine and Surgery  
University of Alabama, Birmingham  
Birmingham, AL

Anita Chong, PhD  
Professor of Surgery  
University of Chicago - Department of Surgery  
Chicago, IL

Daniel Salomon, MD  
Professor of Molecular and Experimental Medicine  
The Scripps Research Institute  
La Jolla, CA

### Pharmacy:

Angela Q. Maldonado, PharmD, BCPS  
Clinical Associate Professor/Kidney Transplant Pharmacist  
Washington State University/Providence Sacred Heart Medical  
Center  
Spokane, WA

Thomas Nemeth, PharmD  
Pharmacy Clinical Supervisor  
Seattle Children's Hospital  
Seattle, WA

Lonnie Smith, PharmD  
Program Director  
University of Utah  
Salt Lake City, UT

Matthew Gillespie, PharmD  
PGY2 Solid Organ Transplant Pharmacy Resident  
University of Utah Health Care  
Salt Lake City, UT

Rachel Waite, PharmD  
Pharmacy Resident  
Virginia Mason Medical Center  
Seattle, WA

## CONCURRENT ABSTRACT SESSIONS

4:00 PM – 5:30 PM

## POSTER SESSION II

5:30 PM – 6:30 PM

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## Program Sunday, May 19, 2013

### KEYNOTE SPEAKER - ALVIN E. ROTH, PhD

Co-Sponsored by Alliance for Kidney Paired Donation

**5:45 PM – 6:15 PM**     **Kidney Exchange: An Economist's Perspective**

### SUNSET SYMPOSIA

**6:30 PM – 7:45 PM**

#### NK Cell and NK T Cell Mediated Inflammation

*Moderators: Xian Li, MD, PhD, Deputy Director, Transplant Research Center, Brigham and Women's Hospital, Boston, MA and Heth Turnquist, PhD, Assistant Professor, University of Pittsburgh and Starzl Transplant Institute, Pittsburgh, PA*

**6:30 PM – 6:55 PM**     **NK Cell Memory**  
Joseph C. Sun, PhD  
Professor  
Sloan Kettering Institute  
New York, NY

**6:55 PM – 7:20 PM**     **iNK T Cell Activation by Self Lipids Generated During Microbial Infections**  
Michael Brenner, MD  
Professor  
Harvard Medical School  
Cambridge, MA

**7:20 PM – 7:45 PM**     **Emerging Topics in NK Cell Biology**  
Wayne Yokoyama, MD  
Investigator  
Washington University Medical Center  
St. Louis, MO

#### Notch Directed T Cell Development

*Moderators: Bryna Elizabeth Burrell, PhD, Postdoctoral Fellow, University of Maryland School of Medicine, Baltimore, MD and Olivia Martinez, PhD, Professor, Stanford University School of Medicine, Stanford, CA*

**6:30 PM – 6:55 PM**     **Notch Activation and TH Cell Subset Differentiation**  
Nicholas Lukacs, PhD  
Professor of Pathology  
University of Michigan  
Ann Arbor, MI

**6:55 PM – 7:20 PM**     **TOR-Notch Interactions during Thymocyte Differentiation**  
Mark R. Boothby, MD, PhD  
Professor of Microbiology and Immunology  
Vanderbilt University  
Nashville, TN

**7:20 PM – 7:45 PM**     **Notch Signaling in Alloimmune Responses**  
Ivan Maillard, MD, PhD  
Assistant Professor of Medicine  
University of Michigan  
Ann Arbor, MI

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# AMERICAN TRANSPLANT CONGRESS

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## Program Monday, May 20, 2013

### SUNRISE SYMPOSIA

**7:00 AM – 8:15 AM**

#### Growing Up Too Fast: Strategies for Transitioning Adolescents to Adult Transplant Care

*Moderators: Stacey Lerret, RN, PhD, CPNP, Professor, Medical College of Wisconsin, Milwaukee, WI and Heidi Schaefer, MD, Associate Professor of Medicine, Vanderbilt University, Nashville, TN*

- 7:00 AM – 7:25 AM**      **Continuity of Care from Adolescent to Adult Programs: Strategies to Overcome the Challenges in Transition**  
Lorraine Bell, MD, FRCPC  
Associate Professor Pediatrics; Director Pediatric Transition to Adult Care  
McGill University Health Center  
Montreal, Canada
- 7:25 AM – 7:50 AM**      **Resource Utilization During the Transfer/Transition Process to Adult Care**  
Blanche Chavers, MD  
Professor of Pediatrics  
University of Minnesota Medical School  
Minneapolis, MN
- 7:50 AM – 8:15 AM**      **Assessing Transition: The Development of the UNC TR(x) ANSITION scale**  
Maria Ferris, MD, MPH, PhD  
Associate Professor  
University of North Carolina at Chapel Hill  
Chapel Hill, NC

### Treatment of Antibody Mediated Rejection

*Moderators: Elaine Reed, PhD, Professor of Pathology and Laboratory Medicine, University of California LA, Los Angeles, CA and Jean Tchervenkov, MD, Research Director, Royal Victoria Hospital, Montreal, Canada*

- 7:00 AM – 7:15 AM**      **Dominant Role of AMR in Kidney Transplant Failure**  
Philip Halloran, MD, PhD  
Director, Alberta Transplant Applied Genomics Centre  
University of Alberta  
Edmonton, Canada
- 7:15 AM – 7:30 AM**      **The Role for Plasmapheresis in Treatment of AMR**  
Robert Montgomery, MD, PhD, FACS  
Professor of Surgery  
Johns Hopkins University  
Baltimore, MD
- 7:30 AM – 7:45 AM**      **The Role for Complement Inhibition in Treatment of AMR**  
Mark Stegall, MD  
Professor of Surgery and Immunology  
Mayo Clinic  
Rochester, MN
- 7:45 AM – 8:00 AM**      **Subclinical AMR**  
Abdolreza Haririan, MD, M.P.H.  
Associate Professor of Medicine  
University of Maryland Medical Center  
Baltimore, MD
- 8:00 AM – 8:15 AM**      **Panel Q/A Discussion**

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## Program Monday, May 20, 2013

### Omics and Transplantation: How New Technologies May Improve Outcomes in The Clinic

*Moderators: Valeria Mas, PhD, Associate Professor Research Surgery, Director Translational Genomics Transplant, University of Virginia, Keswick, VA and Barbara Murphy, MD, Professor of Medicine, Mt. Sinai School of Medicine, New York, NY*

**7:00 AM – 7:25 AM**

#### **Metabolomics in Transplant**

David Rush, MD  
Professor of Medicine  
University of Manitoba  
Winnipeg, Canada

**7:25 AM- 7:50 AM**

#### **Proteogenomic Profiling and Chronic Allograft Nephropathy**

Manikkam Suthanthiran, MD  
Professor and Chief, Transplantation Medicine  
Weill Cornell Med Center  
New York, NY

**7:50 AM – 8:15 AM**

#### **Pharmacogenomics: From Research to The Clinic**

Kelly Birdwell, MD, MSCI  
Assistant Professor of Medicine  
Vanderbilt University Medical Center  
Nashville, TN

### Update on Tuberculosis in Transplant Recipients and Candidates

*Moderators: Roberta Lattes, MD, Assistant Professor of Infectious Disease, University of Buenos Aires, Buenos Aires, Argentina and Michele Morris, MD, Associate Professor, Division of Infectious Diseases, University of Miami Miller School of Medicine, Miami, FL*

**7:00 AM – 7:25 AM**

#### **Interferon-g Release Assays (IGRAs) and Other Immune Assays for TB in Transplant Patients**

Martina Sester, PhD  
Professor of Transplant and Infection Immunology  
Saarland University  
Homburg, Germany

**7:25 AM – 7:50 AM**

#### **Novel therapies and the Role of Vitamin D in Tuberculosis**

Jennifer Daly, MD  
Professor of Medicine, Microbiology and Physiological Science  
University of Massachusetts Medical School  
Worcester, MA

**7:50 AM – 8:15 AM**

#### **Update on Management of Tuberculosis in Transplant Recipients and Candidates**

Karen Doucette, MD  
Associate Professor of Medicine  
University of Alberta  
Edmonton, Canada

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# AMERICAN TRANSPLANT CONGRESS

Seattle, WA • May 18-22, 2013

## Program Monday, May 20, 2013

### Incentives for Donors: Beyond Pro and Con

*Moderators: Nicole Turgeon, MD, Associate Professor of Surgery, Emory University, Atlanta, GA and Scott Sanoff, MD, MPH, Assistant Professor of Medicine, Duke University, Chapel Hill, NC*

**7:00 AM – 7:25 AM      A Framework for Discussing Incentives for Donors**

Peter Reese, MD  
Assistant Professor of Medicine & Epidemiology  
University of Pennsylvania  
Philadelphia, PA

**7:25 AM – 7:50 AM**

**Pro Argument**

David Howard, PhD  
Associate Professor  
Emory University  
Decatur, GA

**7:50 AM – 8:15 AM**

**Con Argument**

Robert Gaston, MD  
Endowed Professor of Transplant Nephrology  
University of Alabama at Birmingham  
Birmingham, AL

### Improving Transplant Outcomes Through Teaching and Technology

*Moderators: Kathy Schwab, BSN, RN, CCTC, Transplant Compliance Officer, Mayo Clinic Foundation, Rochester, MN, and Michelle James, MS, RN, CNS, Solid Organ Transplant Clinical Nurse Specialist, University of Minnesota Medical Center, Fairview, Minneapolis, MN*

**7:00 AM – 7:25 AM**

**Health Literacy: The Impact of Patient Education on Outcomes**

Cynthia Russell, PhD  
Professor  
University of Missouri-Kansas City  
Kansas City, MO

**7:25 AM – 7:50 AM**

**Text4Health: Texting as a Strategy to Improve Outcomes Post-Transplant**

Tamir Miloh, MD  
Associate Professor  
Phoenix Children's Hospital  
Phoenix, AZ

**7:50 AM – 8:15 AM**

**Is There an App for That?: Designing and Implementing Apps to Improve Patient Outcomes**

John Pollock, PhD  
Associate Professor of Biology, & Director of the Partnership in Education  
Duquesne University  
Pittsburgh, PA

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# AMERICAN TRANSPLANT CONGRESS

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## Program Monday, May 20, 2013

### Maximizing Outcomes From DCD Livers

*Moderators: Joseph Magliocca, MD, Assistant Professor of Surgery, Emory University School of Medicine, Atlanta, GA and Debra Sudan, MD, Professor of Surgery, Duke University Medical Center, Durham, NC*

7:00 AM – 7:25 AM

#### **Whom, If Anyone, Might Benefit From a DCD Liver Transplant?**

Anton Skaro, MD, PhD, FRCSC  
Assistant Professor of Surgery, Associate Director of Kidney/  
Pancreas Transplant  
Northwestern Memorial Hospital  
Chicago, IL

7:25 AM – 7:50 AM

#### **Which DCD Livers Should be Used and How Can They Be Optimized?**

Burcin Taner, MD  
Associate Professor of Surgery  
Mayo Clinic Jacksonville  
Jacksonville, FL

7:50 AM – 8:15 AM

#### **Is Anyone in the World Doing Better Using DCD Livers?**

Paolo Muiesan, MD  
Consultant  
House Queen Elizabeth Hospital  
Birmingham, United Kingdom

### BREAK

8:15 AM – 8:30 AM

### JOINT PLENARY

8:30 AM – 9:30 AM

### AST AWARDS

9:30 AM – 9:45 AM

### AST PRESIDENTIAL ADDRESS

9:45 AM – 10:15 AM

### STATE-OF-THE-ART ADDRESS

10:15 AM – 10:45 AM

#### **The Future of Transplantation: Personalized Medicine for the Organ**

Shaf Keshavjee, MD  
Professor of Thoracic Surgery  
Toronto General Hospital  
Toronto, Canada

### COFFEE BREAK

10:45 AM – 11:00 AM

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# AMERICAN TRANSPLANT CONGRESS

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## Program Monday, May 20, 2013

### MIDDAY SYMPOSIA

11:00 AM – 12:30 PM

#### Losing Control of CD8 T Cell Tolerance

*Moderators: William Kitchens, MD, PhD, Research Fellow, Emory Transplant Center, Atlanta, GA and Geetba Chalasani, MBBS, Assistant Professor of Medicine and Immunology, University of Pittsburgh, Thomas E. Starzl Transplantation Institute, Pittsburgh, PA*

**11:00 AM – 11:30 AM Molecular Signal Directing CD8 T Cells to Exhaustion**

Linda Sherman, PhD  
Professor  
The Scripps Research Institute  
Jupiter, FL

**11:30 AM – 12:00 PM Losing Control of CD8+ T cells – Are Cytokines the Key?**

Mike Slifka, PhD  
Professor & Senior Scientist  
Oregon Health & Science University  
Portland, OR

**12:00 PM – 12:30 PM Mechanisms Regulating Fate Commitment and Plasticity of Self-Tolerant CD8 T Cells**

Andrea Schietinger, PharmD, PhD  
Acting Instructor  
University of Washington  
Seattle, WA

#### How I Do It - Technical Challenges in Kidney and Pancreas Transplantation

*Moderators: Mitchell Henry, MD, Professor of Surgery, Ohio State University, Columbus, OH and Derek Moore, MD, MPH, Assistant Professor of Surgery, Vanderbilt University Medical Center, Nashville, TN*

**11:00 AM – 11:30 AM How Many Kidneys Can Fit Into An abdomen? Techniques in Reoperative Kidney Transplantation**

Lloyd Ratner, MD, MPH  
Professor of Surgery  
Columbia University  
New York, NY

**11:30 AM – 12:00 PM Difficult Ureters and Bladders: Advanced Techniques to Obtain Urinary Drainage in Kidney Transplantation**

Curtis Sheldon, MD  
Professor of Surgery  
University of Cincinnati  
Children's Hospital Medical Center  
Cincinnati, OH

**12:00 PM – 12:30 PM Technical Challenges in Pancreas Transplantation**

Peter Friend, MD  
Professor of Transplantation  
University of Oxford  
Oxford, United Kingdom

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# AMERICAN TRANSPLANT CONGRESS

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## Program Monday, May 20, 2013

### Long Term Risks After Living Kidney Donation

*Moderators: Mona Doshi, MBBS, Associate Professor of Medicine, Wayne State University, Detroit, MI and Peter Reese, MD, Assistant Professor of Medicine & Epidemiology, University of Pennsylvania Philadelphia, PA*

**11:00 AM – 11:15 AM Lessons From Secondary Data**

Krista Lentine, MD  
Associate Professor of Medicine  
Saint Louis University  
Saint Louis, MO

**11:15 AM – 11:30 AM Lessons From the DONOR (Donor Nephrectomy Outcomes Research) Network**

Amit Garg, MD, MA, FRCPC, PhD  
Medical Director, Living Kidney Donation; Professor, Medicine and Epidemiology  
London Health Sciences Centre  
London, Canada

**11:30 AM – 11:45 AM Update on ReLIVE (Renal and Lung Living Donors Evaluation)**

Arthur Matas, MD  
Professor of Surgery  
University of Minnesota  
Minneapolis, MN

**11:45 AM – 12:00 PM Update on ALTOLD**

Bertram Kasiske, MD  
Professor of Medicine, University of Minnesota  
Hennepin County Medical Center  
Minneapolis, MN

**12:00 PM – 12:15 PM Focused Studies of Risk in African American donors**

Brian Boyarsky, MD  
Research Assistant  
Johns Hopkins  
Baltimore, MD

**12:15 PM – 12:30 PM Panel Q/A Discussion**

### Treatment of Diabetes with Transplantation

*Moderators: Peter Stock, MD, Professor of Surgery, University of California, San Francisco, CA and James Markmann, MD, PhD, Professor of Surgery Harvard Medical School, Massachusetts General Hospital, Boston, MA*

**11:00 AM – 11:30 AM State of the Art Medical Treatment for Diabetes**

Karen Foster-Schubert, MD  
Assistant Professor of Medicine  
University of Washington  
Seattle, WA

**11:30 AM – 12:00 PM Current Status of Islet Cell Transplantation for Diabetes**

Bernhard Hering, MD  
Professor of Surgery & Medicine  
University of Minnesota  
Minneapolis, MN

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# AMERICAN TRANSPLANT CONGRESS

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## Program Monday, May 20, 2013

### 12:00 PM – 12:30 PM **Current Status of Whole Organ Pancreas Transplant for Diabetes**

Rainer Gruessner, MD  
Professor and Chairman, Department of Surgery  
University of Arizona College of Medicine  
Tucson, AZ

### Update on Hepatitis C in Transplantation

*Moderators: James Burton, Jr, MD, Associate Professor of Medicine, University of Colorado, Aurora, CO and Fredric Gordon, MD, Associate Professor of Medicine, Labey Clinic Medical Center, Burlington, MA*

### 11:00 AM – 11:30 AM **Treatment of Hepatitis C in the Pre-Transplant Setting**

Greg Everson, MD  
Professor of Medicine  
University of Colorado Health Science Center  
Auroro, CO

### 11:30 AM – 12:00 PM **Treatment of Hepatitis C in the Post-Transplant Setting**

Robert Brown, Jr., MD, MPH  
Professor of Medicine and Pediatrics  
Columbia University  
New York, NY

### 12:00 PM – 12:30 PM **New Agents for Hepatitis C: The Potential for Non-Interferon approaches**

Fred Poordad, MD  
Chief Medical Officer  
Alamo Medical Research  
San Antonio, TX

### SRTR: Allocation and Program Specific Reports

*Moderators: John Roberts, MD, Professor of Surgery, University of California San Francisco, San Francisco, CA and John Lake, MD, Professor of Medicine, University of Minnesota, Minneapolis, MN*

### 11:00 AM – 11:20 AM **What's New in Organ-Specific Allocation?**

Ajay Israni, MD, MS  
Director Deputy of the Scientific Registry of Transplant Recipients  
Hennepin County Medical Center  
Minneapolis, MN

### 11:20 AM- 11:40 AM **Addressing Geographic Disparities in Organ Availability**

Sommer Gentry, PhD  
Associate Professor of Mathematics  
United States Naval Academy  
Baltimore, MD

### 11:40 AM – 12:00 PM **Limitations of the Program-Specific Reports?**

Jon Snyder, PhD  
Director, Transplant Epidemiology  
Minneapolis Medical Research Foundation  
Minneapolis, MN

### 12:00 PM – 12:20 PM **How to Systematically and Objectively Quantify Post Transplant Risk: A Center's Experience**

Fernando Cosio, MD  
Internal Medicine Physician  
Mayo Clinic Transplant Center  
Rochester, MN

### 12:20 PM – 12:30 PM **Panel Discussion Q&A**

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# AMERICAN TRANSPLANT CONGRESS

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## Program Monday, May 20, 2013

### Autophagy: New Insights Into an Old Pathway

*Moderators: Anita Chong, PhD, Professor of Surgery, University of Chicago - Department of Surgery, Chicago, IL and Bernd Schröppel, MD, Assistant Professor, Mount Sinai School of Medicine, New York, NY*

**11:00 AM – 11:30 AM Autophagy In The Kidney: In Normal Physiology and Under Stress**

Zheng Dong, MD  
Regents' Professor  
Georgia Health Sciences University  
Augusta, GA

**11:30 AM – 12:00 PM Autophagy in the Liver: Fueling Tissue Fibrogenesis and Metabolic Stress**

Chengyu Liang, MD, Ph.D  
Assistant Professor  
University of Southern California  
Los Angeles, CA

**12:00 PM – 12:30 PM Autophagy in Immune Cells: Its Role in Tolerance**

Bernd Schröppel, MD  
Assistant Professor  
Mount Sinai School of Medicine  
New York, NY

### VCA Clinical Experience Update

*Moderators: Christina Kaufman, PhD, Executive Director, Christine M. Kleinert Institute, Louisville, KY and Linda Cendales, MD, Assistant Professor of Surgery, Emory University School of Medicine, Atlanta, GA*

**11:00 AM – 11:30 AM Immunology and Optimizing Immunosuppression for VCA**

Kadiyala Ravindra, MD  
Associate Professor  
Duke University  
Durham, NC

**11:30 AM – 12:00 PM Patient Selection: When is the Right Time for VCA?**

Jaimie T. Shores, MD  
Assistant Professor, Clinical Director of Hand Transplantation  
Johns Hopkins University School of Medicine  
Baltimore, MD

**12:00 PM – 12:30 PM Role of the Initial Injury in VCA Outcomes**

Simon G. Talbot, MD  
Brigham and Women's Hospital  
Plastic Surgery, Hand Surgery and Microsurgery  
Boston, MA

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# AMERICAN TRANSPLANT CONGRESS

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## Program Monday, May 20, 2013

### Mechanical Circulatory Support in Thoracic Transplantation: Update and Controversies

*Moderators: Simon Maltais, MD, PhD, Surgical Director Heart Transplantation and Mechanical Circulatory Support, Vanderbilt Heart and Vascular Institute, Nashville, TN and Stuart Russell, MD, Associate Professor of Medicine, Johns Hopkins Hospital, Baltimore, MD*

**11:00 AM – 11:25 AM Machine or Biology? What Device for Which Patient with a Failing Heart?**

George Wieselthaler, MD  
Professor of Clinical Surgery  
University of California  
San Francisco, CA

**11:25 AM – 11:50 AM Management of Right Heart Failure After VAD Implantation**

Sudhir S. Kushwaha, MD  
Cardiologist  
Mayo Clinic  
Rochester, MN

**11:50 AM – 12:15 PM Early Experience with the Total Artificial Heart: Indications and Outcomes**

Francisco Arabia, MD  
Thoracic and Cardiac Surgeon  
Mayo Clinic Scottsdale  
Phoenix, AZ

**12:15 PM – 12:30 PM Panel Discussion**

### Meet The Expert – Keynote Speaker

**11:00 AM – 12:00 PM** Shaf Keshavjee, MD  
Professor of Thoracic Surgery  
Toronto General Hospital  
Toronto, Canada

### BREAK

**12:30 PM – 2:15 PM**

### CONCURRENT ABSTRACT SESSIONS

**2:15 PM – 3:45 PM**

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# AMERICAN TRANSPLANT CONGRESS

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## Program Monday, May 20, 2013

### TRANSPLANTATION IN DEPTH – BASIC SCIENCE: BONE MARROW TRANSPLANTATION: NICHE AND REGULATION

#### 2:15 PM – 5:15 PM

*Moderators: Anita Chong, PhD, Professor of Surgery, University of Chicago - Department of Surgery, Chicago, IL and Ginny Bumgardner, MD, PhD, Professor of Surgery, Ohio State University, Columbus, OH*

- 2:15 PM – 2:45 PM**     **Hematopoietic Stem Cell Niches in Bone Marrow**  
Dorothy Sipkins, MD, PhD  
Assistant Professor  
University of Chicago  
Chicago, IL
- 2:45 PM – 3:15 PM**     **Strategies to Promote Immune Reconstitution Following Bone Marrow Transplantation**  
Pavan R. Reddy, MD  
Associate Professor  
University of Michigan Health System  
Ann Arbor, MI
- 3:15 PM – 3:45 PM**     **Microbiota Regulation of Inflammation Following Bone Marrow Transplantation**  
Marcel R. M. van den Brink, MD, PhD  
Alan Houghton Chair in Immunology; Head, Division of Hematologic Oncology  
Memorial Sloan-Kettering Cancer Center  
New York, NY

#### 3:45 PM – 4:15 PM

#### **Bone Marrow Induced Microchimerism and Donor Tolerance**

Megan Sykes, MD  
Professor of Medicine  
Columbia University Medical Center  
New York, NY

#### 4:15 PM – 4:45 PM

#### **Bone Marrow Transplant to Promote Solid Organ Transplantation**

Samuel Strober, MD  
Professor of Medicine  
Stanford University  
Stanford, CA

#### 4:45 PM – 5:15 PM

#### **Incorporation of Facilitating Cells into HSC Regimens to Promote Tolerance in Transplant Patients**

Joseph Leventhal, MD, PhD  
Director, Kidney & Pancreas Transplant Programs  
Northwestern University Medical School  
Chicago, IL

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## Program Monday, May 20, 2013

### NEW FRONTIERS IN PEDIATRIC TRANSPLANTATION

Co-Sponsored by the International Pediatric Transplantation Association (IPTA)

**2:15 PM – 5:30 PM**

#### New Challenges/New Opportunities?

Moderators: Ron Shapiro, MD, Professor of Surgery, Robert J. Corry Chair in Transplantation Surgery, University of Pittsburgh, Pittsburgh, PA and Lars Pape, MD, PhD, Professor, Hannover Medical School, Hannover, Germany

**2:15 PM – 2:45 PM**

#### Controversies in Pediatric End of Life Decision Making

Anne Dipchand, MD, FRCPC  
Head, Heart Transplant Program  
The Hospital of Sick Children  
Toronto, Canada

**2:45 PM – 3:15 PM**

#### CNI Minimization or Steroid Minimization, Which is Optimal for Children

Minnie Sarwal, MD, PhD, MRCP  
Professor, Transplant Nephrology & Pediatrics, Director, Sarwal Lab  
- BIOMARC Institute  
California Pacific Medical Center Research Institute  
Portola Valley, CA

**3:15 PM – 3:45 PM**

#### First DSA, Now What? Non-HLA Antibodies in Pediatric Solid Organ Transplantation

Annette Jackson, PhD  
Assistant Professor  
Johns Hopkins University  
Baltimore, MD

#### New Long-Term Complications in Pediatric Transplantation

Moderators: Lara Danziger-Isakov, MD, MPH, Associate Professor, Cincinnati Children's Hospital Medical Center, Cincinnati, OH and Sharon Bartosh, MD, Professor of Pediatrics, University of Wisconsin, Madison, WI

**4:00 PM – 4:30 PM**

#### Resistant Organisms

Michael Green, MD, MPH  
Professor of Pediatrics, Surgery & Clinical and Translational Science  
Children's Hospital of Pittsburgh  
Pittsburgh, PA

**4:30 PM – 5:00 PM**

#### Metabolic Syndrome

Philip Rosenthal, MD  
Professor of Pediatrics & Surgery  
University of California San Francisco  
San Francisco, CA

**5:00 PM – 5:30 PM**

#### Bone Disease

Mary Leonard, MD  
Professor of Pediatrics and Epidemiology  
The Children's Hospital of Philadelphia  
Philadelphia, PA

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## Program Monday, May 20, 2013

### ALLIED HEALTH SYMPOSIUM II: IMPROVING YOUR PRACTICE: CLINICAL UPDATES FOR TRANSPLANT COORDINATORS AND ADVANCE PRACTICE PROVIDERS?

#### 2:15 PM – 5:30 PM

*Moderators: Tracy Evans-Walker, MSN, CNP, CCTC, Affiliated Clinical Practitioner, Cleveland Clinic Foundation, Cleveland, OH and Catherine Garvey, RN, BA, CCTC, Director, Transplant Quality, Regulatory and Clinical Practice, University of Minnesota Medical Center - Fairview, Minneapolis, MN*

#### 2:15 PM – 2:55 PM

##### **Immunosuppression: In with the New, Out with the Old**

Steven Gabardi, PharmD, FCCP, BCPS  
Abdominal Organ Transplant Clinical Specialist  
Brigham & Women's Hospital  
Boston, MA

#### 2:55 PM – 3:35 PM

##### **Transplant Infectious Diseases: Surveillance, Treatment, and Outcomes**

Marian Michaels, MD, MPH  
Professor of Pediatrics and Surgery  
Children's Hospital of Pittsburgh of UPMC  
Pittsburgh, PA

#### 3:35 PM – 4:15 PM

##### **Hypertension: Best Practices for Management Post-Transplant**

Deborah Hoch, DNP, ACNP-BC  
Nurse Practitioner Transplantation  
Maine Medical Center  
Portland, ME

#### 4:15 PM – 4:55 PM

##### **Substance Use in The Transplant Recipient**

Eric Elster, MD, FACS

#### 4:55 PM – 5:30 PM

##### **Primary Prevention: Screening Protocols for Transplant Recipients**

Mark Burns, DNP  
Instructor of Medicine  
Mayo Clinic  
Gilbert, AZ

### CONCURRENT ABSTRACT SESSIONS

#### 4:00 PM – 5:30 PM

### POSTER SESSION III

#### 5:30 PM – 6:30 PM

### AST BUSINESS MEETING

#### 5:45 PM – 7:00 PM

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# AMERICAN TRANSPLANT CONGRESS

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## Program Tuesday, May 21, 2013

### SUNRISE SYMPOSIA

7:00 AM – 8:15 AM

#### Transplantation Across the Age Spectrum: Prediction and Intervention

*Moderators: Mara McAdams- DeMarco, MS, PhD, Instructor, Johns Hopkins University, Baltimore, MD and Jagbir Gill, MD, MPH, Assistant Professor of Medicine, University of British Columbia, Vancouver, BC*

7:00 AM – 7:25 AM

##### Frailty in Kidney Transplantation

Dorry Segev, MD, PhD  
Associate Professor of Surgery, Epidemiology, and Biostatistics  
Johns Hopkins University  
Baltimore, MD

7:25 AM – 7:50 AM

##### Sarcopenia

Michael Englesbe, MD  
Associate Professor of Surgery  
University of Michigan  
Ann Arbor, MI

7:50 AM – 8:15 AM

##### Rehabilitation and Prehabilitation in Transplantation

Erica Hartmann, MD  
Transplant Nephrologist  
Piedmont Healthcare  
Atlanta, GA

#### Dealing with de Novo Donor Specific HLA antibodies

*Moderators: Peter Nickerson, MD, Professor, Internal Medicine and Immunology, University of Manitoba, Winnipeg, Canada and Stanley Jordan, MD, Professor of Pediatrics and Medicine, Cedars Sinai Medical Center, Los Angeles, CA*

7:00 AM – 7:25 AM

##### DSA and Transplant Outcomes

Peter Nickerson, MD  
Professor of Internal Medicine  
University of Manitoba  
Winnipeg, Canada

7:25 AM – 7:50 AM

##### Pathology Associated with Post Transplant Antibodies

Lorraine Racusen, MD  
Professor of Pathology  
Johns Hopkins University  
Baltimore, MD

7:50 AM – 8:15 AM

##### How Would We Treat Asymptomatic Patients Having DSA?

Anil Chandraker, MD, FRCP  
Medical Director, Kidney & Pancreas Transplantation  
Brigham & Womens Hospital  
Boston, MA

#### Danger Will Robinson? Laparoscopic and Robotic Kidney Transplantation

*Moderators: Joseph Magliocca, MD, Emory University School of Medicine, Associate Professor of Surgery, Atlanta, GA and Lloyd Ratner, MD, MPH, Professor of Surgery, Columbia University, New York, NY*

7:00 AM – 7:25 AM

##### Minimally Invasive Open Surgery for Kidney Recipient

Ole Morten Oeyen, MD, PhD  
Surgeon  
Oslo University Hospital Rikshospitalet  
Oslo, Norway

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# AMERICAN TRANSPLANT CONGRESS

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## Program Tuesday, May 21, 2013

7:25 AM – 7:50 AM

### Laparoscopic Kidney Transplantation

Pranjal Modi, MS, DNB  
General Practitioner  
Doshi & Mehta Institute of Kidney Diseases and Research Centre  
Gujarat, India

7:50 AM – 8:15 AM

### Robotic Assisted Kidney and Pancreas Transplantation

Enrico Benedetti, MD  
Professor of Surgery  
University of Illinois-Chicago  
Chicago, IL

## Molecular and Cellular Biomarkers of Clinical Transplant Tolerance

*Moderators: Alberto Sanchez-Fueyo, MD, PhD, Professor of Hepatology, King's College London, London, United Kingdom and Daniel Salomon, MD, Professor of Molecular and Experimental Medicine, The Scripps Research Institute, La Jolla, CA*

7:00 AM – 7:25 AM

### A Need for Biomarkers of Operational Tolerance in Liver and Kidney Transplantation

Albert Sanchez-Fueyo, MD, PhD  
Professor of Hepatology, King's College London,  
London, United Kingdom

7:25 AM – 7:50 AM

### Discovering, Validating and Prioritizing Biomarkers of Tolerance

Sunil Kurian, PhD  
Staff Scientist  
The Scripps Research Institute  
La Jolla, CA

7:50 AM – 8:15 AM

### Functional Assessment for Clinical Transplant Tolerance

James Mathew, PhD  
Research Associate Professor  
Northwestern University  
Chicago, IL

## Lung Transplantation: Clinical Practice Considerations

*Moderators: David Mason, MD, Staff Surgeon, Cleveland Clinic, Cleveland, OH and Martin Zamora, MD, Professor of Medicine, University of Colorado Health Sciences Center, Aurora, CO*

7:00 AM – 7:25 AM

### Re-Evaluation of Donor Criteria: Myth vs Reality

Sangeeta Bhorade, MD  
Associate Professor of Medicine  
University of Chicago Hospitals  
Chicago, IL

7:25 AM – 7:50 AM

### Early Mechanical Support vs Maximal Pharmacological Therapy for Right Ventricular Support after Lung Transplant

Thomas K. Waddell, MD, MSc, PhD  
Chair, Division of Thoracic Surgery  
Toronto General Hospital  
Toronto, Canada

7:50 AM – 8:15 AM

### The Role of De Novo Donor-Specific Antibody Post Lung Transplant

Martin Zamora, MD  
Professor of Medicine  
University of Chicago  
Aurora, CO

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# AMERICAN TRANSPLANT CONGRESS

Seattle, WA • May 18-22, 2013

## Program Tuesday, May 21, 2013

### Puberty through Pregnancy after Transplant: Clinical and Ethical Considerations

*Moderators: Milagros Samaniego, MD, Professor of Medicine, University of Michigan Medical School, Ann Arbor, MI and Lisa Coscia, RN, BSN, CCTC, Senior Pregnancy Registry Research Coordinator, National Transplantation Pregnancy Registry, Philadelphia, PA*

- 7:00 AM – 7:25 AM**      **Optimal Family Planning Post-transplant**  
Colleen Krajewski, MD  
Professor  
Johns Hopkins Hospital  
Baltimore, MD
- 7:25 AM – 7:50 AM**      **Transplant and Puberty: Discussing the Birds and the Bees  
with Adolescent Transplant Recipients**  
Gina Sucato, MD  
Assistant Professor Pediatric and Adolescent Medicine  
University of Pittsburgh School of Medicine  
Pittsburgh, PA
- 7:50 AM – 8:15 AM**      **Pregnancy as an Endpoint of Quality: Ethical Considerations  
in Family Planning after Transplantation**  
Aviva Goldberg, MD, MA  
Assistant Professor, Department of Pediatrics and Child Health  
University of Manitoba  
Winnipeg, Canada

### The Pediatric Immune System and Transplantation: Obstacle or Opportunity?

*Janet Scheel, MD, Assistant Professor, Medical Director of Pediatric Heart Transplant, John Hopkins University, Baltimore, MD and Gina-Marie Barletta, MD, Pediatric Nephrologist, Phoenix Children's Hospital, Phoenix, AZ*

- 7:00 AM – 7:25 AM**      **The Developing Immune System-A Target for Tolerance?**  
Lori West, MD, PhD  
Professor of Pediatrics, Surgery & Immunology  
University of Alberta  
Edmonton, Canada
- 7:25 AM – 7:50 AM**      **Personalized Immunosuppression: Dream or Reality?**  
Philip Halloran, MD, PhD  
Director, Alberta Transplant Applied Genomics Centre  
University of Alberta  
Edmonton, Canada
- 7:50 AM – 8:15 AM**      **Bad to be Naïve: Minimizing Risk for Infections in Pediatric  
Transplantation**  
Upton Allen, MBBS, MSc, FAAP  
Director of Pediatrics  
Chief Division of Infectious Diseases  
University of Toronto  
Toronto, Canada

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# AMERICAN TRANSPLANT CONGRESS

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## Program Tuesday, May 21, 2013

### **Apps, Web and Wifi Pill Bottles: Emerging Technologies in Transplantation**

*Moderators: Derek Moore, MD, MPH, Assistant Professor of Surgery, Vanderbilt University Medical Center, Nashville, TN & Seth Karp, MD, Associate Professor, Vanderbilt University School of Medicine, Nashville, TN*

**7:00 AM – 7:25 AM**

#### **Apps**

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

**7:25 AM – 7:50 AM**

#### **Web**

Deonna Moore, MSN, ACNP-BC  
Nurse Practitioner  
Vanderbilt University Medical Center  
Nashville, TN

**7:50 AM – 8:15 AM**

#### **Novel Strategies to Improve Behavioral Health After Transplant Using Wireless Technology**

Peter Reese, MD  
Assistant Professor of Medicine & Epidemiology  
University of Pennsylvania  
Philadelphia, PA

### **BREAK**

**8:15 AM – 8:30 AM**

### **JOINT PLENARY**

**8:30 AM – 9:15 AM**

### **ASTS AWARDS**

**9:15 AM – 9:30 AM**

### **ASTS PRESIDENTIAL ADDRESS**

**9:30 AM – 10:00 AM**

### **BREAK**

**10:00 AM – 10:15 AM**

### **CONTROVERSIES IN TRANSPLANTATION: DEBATES**

**10:15 AM – 11:00 AM**

#### **Basic: Establishing Chimerism for Transplant Tolerance: Necessary, Practical?**

*Moderators: Samuel Strober, MD, Professor of Medicine, Stanford University, Stanford, CA and Michael Abecassis, MD, Professor, Northwestern Feinberg School of Medicine, Chicago, IL*

**10:15 AM – 10:25 AM**

#### **Pro**

Megan Sykes, MD  
Professor of Medicine  
Columbia University Medical Center  
New York, NY

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## Program Tuesday, May 21, 2013

**10:25 AM – 10:35 AM Con**  
Jonathan Bromberg, MD, PhD  
Professor of Surgery and Microbiology and Immunology  
University of Maryland School of Medicine  
Baltimore, MD

**10:35 AM – 10:40 AM Pro - Rebuttal**

**10:40 AM – 10:45 AM Con – Rebuttal**

**10:45 AM – 11:00 AM Discussion**

### Clinical: Broader Follow-up of Living Kidney Donors by the OPTN is Feasible and Scientifically Justified

*Moderators: Chris Freise, MD, Professor of Surgery, University of California-San Francisco, San Francisco, CA  
and Krista Lentine, MD, Associate Professor of Medicine, Saint Louis University, Saint Louis, MO*

**10:15 AM – 10:25 AM Pro**  
Connie Davis, MD  
Chief Medical Officer  
Skagit Regional Health  
Mount Vernon, WA

**10:25 AM – 10:35 AM Con**  
Robert Gaston, MD  
Endowed Professor of Transplant Nephrology  
University of Alabama at Birmingham  
Birmingham, AL

**10:35 AM – 10:40 AM Pro - Rebuttal**

**10:40 AM – 10:45 AM Con – Rebuttal**

**10:45 AM – 11:00 AM Discussion**

## COFFEE BREAK

**11:00 AM – 11:15 AM**

## MID-DAY SYMPOSIA

**11:15 AM – 12:45 PM**

### Alarmins

*Moderators: Fadi Lakkis, MD, Frank & Athena Sarris Chair in Transplantation Biology, University of Pittsburgh/Starzl Transplant Institute, Pittsburgh, PA and Melissa Yeung, MD, Instructor in Medicine, Brigham & Women's Hospital, Boston, MA*

**11:15 AM – 11:45 AM IL-33 Regulation in Pulmonary Inflammation**  
Heth Turnquist, MD  
Assistant Professor of Surgery  
University of Pittsburgh  
Pittsburgh, PA

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## Program Tuesday, May 21, 2013

**11:45 AM – 12:15 PM Endothelial Alarmins and Allograft Rejection**  
Joost Oppenheim, MD  
Chief of Laboratory of Molecular Immunoregulation  
National Institute of Health  
Bethesda, MD

**12:15 PM – 12:45 PM Inflammasome Networks at Innate-Adaptive Immune Interface**  
Jerzy Kupiec-Weglinski, MD, PhD  
Professor of Surgery  
Dumont-UCLA Transplant Center  
Los Angeles, CA

### Leukocyte Trafficking to Inflammatory Sites

*Moderators: Reza Abdi, MD, Assistant Professor of Medicine, Harvard Medical School, Brigham & Womens Hospital, Boston, MA and Andrew Adams, MD, PhD, Assistant Professor of Surgery, Emory University, Atlanta, GA*

**11:15 AM – 11:45 AM Leukocyte Arrest and Diapedesis**  
Alexander Chervonsky, MD, PhD  
Associate Professor Department of Pathology  
Chairman, Committee on Immunology  
University of Chicago  
Chicago, IL

**11:45 AM – 12:15 PM Differential Trafficking of Th1 vs. Th17 cells**  
Estelle Bettelli, PhD  
Assistant Member and Affiliated Assistant Professor  
University of Washington  
Seattle, WA

**12:15 PM – 12:45 PM Imaging of Trafficking**  
Paul Kubes, MD  
Professor  
University of Calgary  
Calgary, Canada

### Ethical Issues in Living Donation

*Moderators: Chris Freise, MD, Professor of Surgery, University of California-San Francisco, San Francisco, CA and Talia Baker, MD, Associate Professor of Surgery, Northwestern Memorial Hospital, Chicago, IL*

**11:15 AM – 11:45 AM What Obligations Do We Have To Living Donors?**  
Elizabeth Anne Pomfret MD, PhD, FACS  
Professor of Surgery, Tufts University  
Chair, Dept of Transplantation & HPB  
Lahey Clinic Medical Center  
Burlington, MA

**11:45 AM – 12:15 PM Is It Possible to be a Truly Altruistic Donor?**  
Jason Freeman, MD, FACC  
Director, Interventional Cardiology  
South Nassau Communities Hospital  
Oceanside, NY

**12:15 PM – 12:45 PM Is There An Amount of Benefit That Balances A Donor Death?**  
Rebecca Anderson, JD, MS, CGC  
Associate Professor  
University of Nebraska Medical Center  
Omaha, NE

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## Program Tuesday, May 21, 2013

### Simultaneous Liver Kidney Transplantation: Stealing or Saving?

*Moderators: Jayme Locke, MD, MPH, Assistant Professor of Surgery, University of Alabama at Birmingham, Birmingham, AL and Connie Davis, MD, Chief Medical Center, Skagit Regional Health, Mount Vernon, WA*

**11:15 AM – 11:45 AM Acute and Chronic Kidney Disease in Cirrhotic Patients**

Mitra Nadim, MD  
Associate Professor of Clinical Medicine  
University of Southern California  
Los Angeles, CA

**11:45 AM – 12:15 PM Selection of Appropriate Candidates for SLK: Biopsies, Biomarkers, Criteria and Beyond**

Michael Charlton, MD  
Professor  
Mayo Clinic  
Rochester, MN

**12:15 PM – 12:45 PM Outcomes Following Simultaneous Liver Kidney Transplantation vs. Liver Transplant Alone**

Josh Levitsky, MD  
Associate Professor of Medicine  
Northwestern Memorial Hospital  
Chicago, IL

### Debate: Relevance of Donor Specific Antibodies in Liver Transplantation

*Moderators: Tomasz Kozlowski, MD, Associate Professor of Surgery, University of North Carolina, Chapel Hill, NC and Lorraine Racusen, MD, Professor of Pathology, Johns Hopkins University, Baltimore, MD*

**11:15 AM – 11:45 AM**

**Summary of Humoral Immunity Testing in Transplantation**

Anat Tambur, DMD, PhD  
Research Professor  
Northwestern University  
Chicago, IL

**11:45 AM – 12:15 PM**

**Pro: Donor-Specific Antibodies are Important and Should be Performed in Liver Transplant Recipients**

Jacqueline O'Leary, MD, MPH  
Medical Director Inpatient Liver & Transplant Unit  
Baylor University Medical Center  
Dallas, TX

**12:15 PM – 12:45 PM**

**Con: Donor-Specific Antibodies are Irrelevant in Liver Transplant Recipients**

Julie Heimbach, MD  
Associate Professor of Surgery  
Mayo Clinic  
Rochester, MN

### Social Media and Organ Donation

*Moderators: Titte Srinivas, MD, Professor of Medicine, Medical University of South Carolina, Charleston, SC and Nicole Turgeon, MD, Associate Professor of Surgery, Emory University, Atlanta, GA*

**11:15 AM – 11:45 AM**

**Defining Relevant Social Media and Technologies**

Andrew Cameron, MD, PhD  
Associate Professor  
Johns Hopkins University  
Baltimore, MD

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**11:45 AM – 12:15 PM The Facebook Experience**

Sarah Feinberg  
Director of Communications  
Facebook  
Palo Alto, CA

**12:15 PM – 12:45 PM The Donate Life Experience**

G. David Fleming  
President and CEO  
Donate Life America  
Richmond, VA

### Transplantation and Management of the Sensitized Patient: Risk and Reward

*Moderators: Allen Norin, PhD, Professor of Medicine and Cell Biology, SUNY Downstate Medical Center, Brooklyn, NY and Lee Ann Baxter-Lowe, PhD, Professor in Residence, University of California, San Francisco, San Francisco, CA*

**11:15 AM – 11:45 AM Desensitization: What Have We Learned?**

Robert Montgomery, MD, PhD, FACS  
Professor of Surgery  
Johns Hopkins University  
Baltimore, MD

**11:45 AM – 12:15 PM Desensitization Therapies in Patients Awaiting Kidney Transplantation**

Milagros Samaniego, MD  
Professor of Medicine  
University of Michigan Medical School  
Ann Arbor, MI

**12:15 PM – 12:45 PM Prophylactic Therapies in Sensitized Patients After Kidney Transplantation**

E Steve Woodle, MD  
Professor, Director of Transplant Surgery  
University of Cincinnati College of Medicine  
Cincinnati, OH

### Approach to the Sensitized Patient Awaiting Heart Transplantation: Impact of the C1Q Assay

*Moderators: Nancy Reinsmoen, PhD, Professor and Director of HLA Laboratory, Cedars- Sinai Medical Center, Los Angeles, CA and David Nelson, MD, Chief, Heart Transplant Medicine, INTEGRIS Baptist Medical Center of Oklahoma, Oklahoma City, OK*

**11:15 AM – 11:40 AM Assays to Detect Circulating Antibodies Including the C1q Assay**

Andrea Zachary, PhD  
Professor of Medicine  
Johns Hopkins University School of Medicine  
Baltimore, MD

**11:40 AM – 12:05 PM Clinical Approach to Circulating Antibodies: Why are They bad, When to Treat and Use of the Virtual Crossmatch**

Josef Stehlik, MD  
Associate Professor of Medicine  
University of Utah  
Salt Lake City, UT

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## Program Tuesday, May 21, 2013

### 12:05 PM – 12:30 PM Treatment Options for the Sensitized Patient

Howard Eisen, MD  
Chief, Division of Cardiology  
Drexel University College of Medicine  
Philadelphia, PA

### 12:30 PM – 12:45 PM Panel Discussion

## Advances in Lung Transplantation

*Moderators: Sangeeta Bhorade, MD, Associate Professor of Medicine, University of Chicago Hospitals, Chicago, IL and David Park Mason MD, Staff Surgeon, Cleveland Clinic, Cleveland, OH*

### 11:15 AM – 11:40 AM Genomics and Lung Transplantation

R. Duane Davis, MD, MBA  
Director of Transplant Services  
Duke University Medical Center  
Durham, NC

### 11:40 AM – 12:05 PM Mechanical Bridging to Lung Transplantation

Martin Strueber, MD  
Professor  
Heart Center Leipzig  
Leipzig, Germany

### 12:05 PM – 12:30 PM Advances in Immunosuppression after Lung Transplantation

George Chau, MD  
Associate Professor of Medicine  
Cedars-Sinai Medical Center  
Los Angeles, CA

### 12:30 PM – 12:45 PM Panel Discussion

## Utilization of Deceased Donor Kidneys

*Moderators: Allan Massie, PhD, Professor, Johns Hopkins University, Baltimore, MD and Anthony Langone, MD, Associate Professor of Medicine, Vanderbilt University Medical Center, Nashville, TN*

### 11:15 AM – 11:45 AM The US Experience of Utilization with a Focus upon Analysis of Discarded Kidneys

Darren Stewart, MS  
Biostatistician  
United Network for Organ Sharing  
Richmond, VA

### 11:45 AM – 12:15 PM The European Experience of Utilization Focusing upon Biopsies for Evaluating Kidney Quality

Axel Rahmel, PhD  
Professor  
Eurotransplant International Foundation  
Leiden, Netherlands

### 12:15 PM – 12:45 PM SRTR Recommendations for Prospective Study

Bertram Kasiske, MD  
Professor of Medicine, University of Minnesota  
Hennepin County Medical Center  
Minneapolis, MN

**BREAK**

**12:45 PM – 1:00 PM**

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Program Tuesday, May 21, 2013

## LUNCHEON WORKSHOPS – TICKETED EVENTS

1:00 PM – 2:00 PM

### Experimental Protocols for Optimizing Donors

*Sandy Feng, MD, PhD, Professor of Surgery, University of California-San Francisco, San Francisco, CA and Peter Abt, MD, Associate Professor of Surgery, Hospital of the University of Pennsylvania, Philadelphia, PA*

### Advanced Liver Transplant Pathology

*Anthony Demetris, MD, Professor of Pathology, UPMC - Montefiore, Pittsburgh, PA and Maria Isabel Fiel, MD, Professor of Pathology, The Mount Sinai Medical Center, New York, NY*

### Challenging Cases of Kidney Transplant Pathology

*Cynthia Drachenberg, MD, Professor of Pathology, University of Maryland School of Medicine, Baltimore, MD and Fernando Cosio, MD, Internal Medicine Physician, Mayo Clinic Transplant Center, Rochester, MN*

### CTLA-4lg: Good or Bad for Grafts?

*Kenneth Newell, MD, PhD, Professor of Surgery, Emory University School of Medicine, Atlanta, GA and Maria-Luisa Alegre, MD PhD, Professor, The University of Chicago, Chicago, IL*

### NK cells: Effectors of Graft Injury or Necessary Components for Tolerance?

*Joren Madsen, MD, PhD, Professor of Surgery, Massachusetts General Hospital, Boston, MA and Ronald Gill, PhD, Professor of Surgery and Scientific Director, CCTCARE, Aurora, CO*

### Donors with CNS Infections: What Are We Missing? A Case-Based Discussion

*Michael Ison, MD, MS, Associate Professor, Northwestern University Comprehensive Transplant Center, Chicago, IL and Marshall Lyon, MD, Associate Professor of Medicine, Emory University, Atlanta, GA*

### FDA Session: Navigating the IND Regulations for Clinical Investigators

*Marc W. Cavallé-Coll, MD, PhD, Medical Officer, FDA, Washington, DC and Robert Ettenger, MD, Distinguished Professor of Pediatrics, David Geffen School of Medicine at UCLA, Los Angeles, CA*

### Growing Competitive Small Programs in the Current Environment

*Lloyd Ratner, MD MPH, Professor of Surgery, Columbia University, New York, NY and, Matthew Cooper, MD, PhD, Professor of Surgery University of Pittsburgh, Pittsburgh, PA*

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### Has the Pipeline Run Dry? Addressing Challenges of Multi-Drug Resistant Pathogens

*Shabid Husain, MD, MS, Associate Professor of Medicine, Director, Transplant Infectious Diseases, University Health Network, University of Toronto, Toronto, Canada and David van Duin, MD, PhD, Assistant Professor, Cleveland Clinic Foundation, Cleveland, OH*

### Histocompatibility and Pathology of Antibody: New Tools and Old Tricks

*Andrea Zachary, PhD, Professor of Medicine, Johns Hopkins University School of Medicine, Baltimore, MD and Ian Gibson, MD, Associate Professor, University of Manitoba, Winnipeg, Canada*

### Infectious Complications of Lung Transplantation: Meet the Experts

*Phillip Zakowski, MD, Professor of Medicine, Cedars-Sinai Medical Center, Los Angeles, CA and Barbara Alexander, MD, Associate Professor of Medicine and Pathology, Duke University Medical Center, Durham, NC*

### Informed Consent When Risk of Infections Disease Transmission is Elevated

*Richard Freeman, MD, Professor and Chair, Dartmouth Medical School, Hanover, NH and Emily Blumberg, MD, Professor of Medicine, Perelman School of Medicine of the University of Pennsylvania, Philadelphia, PA*

### Sensitization Before and After Heart Transplantation

*Patricia Campbell, MBCbB, Professor, University of Alberta, Edmonton, Canada and Jignesh Patel, MD, PhD, Associate Professor of Clinical Medicine, David Geffen School of Medicine at UCL, Medical Director, Heart Transplant Program, Beverly Hills, CA*

### Update in Clinical Pharmacology

*Teun Van Gelder, MD, Professor in Clinical Pharmacology, Erasmus Medical Center Rotterdam, Rotterdam, Netherlands, and Christin Rogers, PharmD, BCPS, Clinical Pharmacy Coordinator - Solid Organ Transplant, Beth Israel Deaconess Medical Center, Boston, MA*

## BREAK

2:00 PM – 2:15 PM

## CONCURRENT ABSTRACT SESSIONS

2:15 PM – 3:45 PM

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## Program Tuesday, May 21, 2013

### ALLIED HEALTH SYMPOSIUM III: THEY HAVE SURVIVED WHAT'S NEXT?: ADDING QUALITY TO SURVIVAL

#### 2:15 PM – 5:00 PM

*Moderators: Irene Feurer, MD, Research Professor of Surgery and Biostatistics, Vanderbilt University, Nashville, TN and Cheryl Jacobs, MSW, LICSW, Clinical Social Worker and Living Donor Advocate, University of Minnesota Medical Center, Minneapolis, MN*

#### 2:15 PM – 2:45 PM **The Importance of Assessing Quality of Life in Outcomes Research**

Zeeshan Butt, PhD  
Research Assistant Professor  
Northwestern University Feinberg School of Medicine  
Chicago, IL

#### 2:45 PM – 3:15 PM **Mental Health and Quality of Life**

Mary Amanda Dew, PhD  
Professor of Psychiatry, Psychology, Epidemiology and Biostatistics  
University of Pittsburgh School of Medicine  
Pittsburgh, PA

#### 3:15 PM – 3:45 PM **Caregiver Burden in Organ Transplantation**

Amy M. Goetzinger, PhD  
Assistant Professor  
University of North Carolina at Chapel Hill  
Chapel Hill, NC

#### 3:45 PM – 4:15 PM

#### **Facilitating Out-Patient Care in a Transplant Program**

Jennifer Milton, BSN, MBA  
Clinical Assistant Professor/Administrative Director  
University of Texas Health Science Center at San Antonio  
Boerne, TX

#### 4:15 PM – 4:45 PM

#### **Developing the Transplant Pharmacy Practice Model to Ensure Quality in Multidisciplinary Patient Management**

Christy Truscott, PharmD  
Clinical Pharmacist, Solid Organ Transplantation  
Vanderbilt University Medical Center  
Nashville, TN

#### 4:45 PM – 5:00 PM

#### **Panel Discussion Q/A**

### THORACIC ALLOCATION IN THE US AND EUROPE – SUCCESSSES AND DILEMMAS

#### 2:15 PM - 5:00 PM

*Co-Sponsored by the International Society for Heart and Lung Transplantation (ISHLT)*

#### **Developments in Lung Allocation Policy: Lessons Learned**

*Moderators: David Mason, MD, Staff Surgeon, Cleveland Clinic, Cleveland, OH and R. Duane Davis, MD, MBA Director of Transplant Services, Duke University Medical Center, Durham, NC*

#### 2:15 PM – 2:45 PM

#### **Lung Transplant Allocation: The European Experience**

Martin Strueber, MD  
Professor  
Heart Center Leipzig  
Leipzig, Germany

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**2:45 PM – 3:15 PM Lung Transplantation in the US: Current and Emerging Allocation Dilemmas**

Ed Garrity, MD, MBA  
Professor of Medicine, Associate Director  
University of Chicago  
Chicago, IL

**3:15 PM – 3:45 PM The Marginal Lung Donor – Novel Approaches to Increasing the Donor Pool**

Cynthia Gries, MD, MSc  
Assistant Professor of Medicine  
University of Pittsburgh  
Pittsburgh, PA

**3:45 PM – 4:15 PM Ex Vivo Lung Perfusion (EVLP) – Can It Level the Field?**

Tom Waddell, MD, PhD  
Chair, Division of Thoracic Surgery  
Toronto General Hospital  
Toronto, CA

**4:15 PM – 4:45 PM Panel Discussion**

**A Change of Heart: The Evolution of Heart Allocation Policy**

*Moderators: Monica Colvin-Adams, MD, MS, Assistant Professor of Medicine, University of Minnesota, Minneapolis, MN and Stuart Russell, MD, Associate Professor, Johns Hopkins Hospital, Baltimore, MD*

**2:15 PM – 2:55 PM The UNOS 2006 Allocation Algorithm for Donor Hearts – A Five Year Perspective**

John David Vega, MD  
Professor of Surgery  
Emory University School of Medicine  
Atlanta, GA

**2:55 PM – 3:35 PM**

**The Eurotransplant Heart Allocation Policy: A Case for Urgency**

Hans Lehmkuhl, MD, PhD  
Chief Cardiologist  
German Heart Center  
Berlin, Germany

**3:35 PM – 4:15 PM**

**A Heart Allocation Score: Is it Time for UNOS to make this Change?**

Joseph Rogers, MD  
Staff Physician  
Duke University Health System  
Durham, NC

**4:15 PM – 4:55 PM**

**The Impact of VADS on Heart Transplant Listing**

Francis Pagani, MD, PhD  
Professor of Cardiac Surgery  
University of Michigan  
Ann Arbor, MI

## CONCURRENT ABSTRACT SESSIONS

**4:00 PM – 5:30 PM**

## POSTER SESSION IV

**5:30 PM – 6:30 PM**

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# AMERICAN TRANSPLANT CONGRESS

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**Program** Tuesday, May 21, 2013

## ASTS BUSINESS MEETING

6:00 PM – 7:00 PM

## ATC NIGHT OUT

7:30 PM – 11:00 PM

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# AMERICAN TRANSPLANT CONGRESS

Seattle, WA • May 18-22, 2013

Program Wednesday, May 22, 2013

## SUNRISE SYMPOSIA

7:00 AM – 8:15 AM

### Clinical Trials for Attenuating Ischemia Reperfusion

*Moderators: Joshua Augustine, MD, Associate Professor of Medicine, Division of Nephrology and Hypertension, University Hospitals Case Medical Center, Cleveland, OH and Emilio Poggio, MD, Assistant Professor of Medicine, Cleveland Clinic, Cleveland, Ohio*

**7:00 AM – 7:25 AM Diannexin in Ischemia Reperfusion Injury**

Matthew Cooper, MD  
Professor of Surgery  
Medstar Georgetown Transplant Institute  
Washington, DC

**7:25 AM – 7:50 AM Use of I5-NP for the Prevention of Ischemia Reperfusion**

V. Ram Peddi, MD  
Director, Kidney Transplant Research Program  
California Pacific Medical Center  
San Francisco, CA

**7:50 AM – 8:15 AM The Use of a Hapocyte Growth Factor for the Prevention of DGF**

A. Osama Gaber, MD  
Professor of Surgery  
The Methodist Hospital/Cornell University  
Houston, TX

### Pre-Transplant Treatment of Hepatocellular Cancer: Keeping the Wolf at Bay

*Moderators: Michael Curry, MD, Associate Professor of Medicine, Beth Israel Deaconess Medical Center, Boston, MA and Sunil Geevarghese, MD, MSCI, FACS, Assistant Professor of Surgery; Director, Vanderbilt Transplant Center, Vanderbilt University School of Medicine, Nashville, TN*

**7:00 AM – 7:25 AM**

**Pre-operative Percutaneous Therapies for HCC**

Riad Salem, MD  
Professor of Radiology  
Northwestern University  
Chicago, IL

**7:25 AM – 7:50 AM**

**Who Should be Treated Pre-operatively**

Michael Curry, MD  
Associate Professor of Medicine  
Beth Israel Deaconess Medical Center  
Boston, MA

**7:50 AM – 8:15 AM**

**Results from Downstaging Protocols**

Francis Yao, MD  
Professor of Clinical Medicine and Surgery, Medical Director of Liver Transplant  
University of California, San Francisco  
San Francisco, CA

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### Immunosuppression and Pregnancy After Transplant

*Moderators: Eric Tichy, PharmD, BCPS, Senior Clinical Pharmacy Specialist, Yale-New Haven Hospital, New Haven, CT and Jennifer Trofe-Clark, Pharm D, Adjunct Assistant Professor Renal Division, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA*

**7:00 AM – 7:25 AM**      **Review of Pregnancy Category Classifications and Recommendations for Immunosuppressants in Organ Transplant**

Nicole Sifontis, PharmD  
Clinical Professor  
Temple University School of Pharmacy  
Philadelphia, PA

**7:25 AM – 7:50 AM**      **Review of National Transplant Pregnancy Registry Data Outcomes related to Immunosuppression**

Vincent T Armenti, MD, PhD  
Professor of Anatomy & Surgery, Principal Investigator  
National Transplantation Pregnancy Registry  
Gift of Life Institute  
Philadelphia, PA

**7:50 AM – 8:15 AM**      **The Role of the National Transplant Pregnancy Registry in Clinical Practice**

Lisa Coscia, RN, BSN, CCTC  
Senior Pregnancy Registry Research Coordinator  
National Transplantation Pregnancy Registry  
Gift of Life Institute  
Philadelphia, PA

### Living Kidney Transplantation Education for Minority Patients: Overcoming barriers, Building Strengths

*Moderators: Jason Siegel, PhD, Research Associate Professor, Claremont Graduate University, Claremont, CA and James Rodrigue, PhD, Associate Professor, Beth Israel Deaconess Medical Center, Boston, MA*

**7:00 AM – 7:25 AM**      **Hispanic ESRD Patients: Barriers and Progress in Living Kidney Donation Education**

Eusebio M. Alvaro, PhD  
Research Professor  
Claremont Graduate University  
Claremont, CA

**7:25 AM – 7:50 AM**      **Interventions to Overcome Interpersonal, Logistical and Financial Challenges to Live Kidney Donation Among African Americans**

L. Ebony Boulware, MD, MPH  
Associate Professor of Medicine and Epidemiology  
Johns Hopkins Medical Center  
Baltimore, MD

**7:50 AM – 8:15 AM**      **Improving Knowledge and Awareness of Living Donor Transplant Among African American End-Stage Renal Disease Patients**

Kimberly Jacob Arriola, PhD, MPH  
Associate Professor  
Rollins School of Public Health of Emory University  
Atlanta, GA

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# AMERICAN TRANSPLANT CONGRESS

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## Program Wednesday, May 22, 2013

### The New Face of VCA Programs

*Moderators: Gerald Lipsbutz, MD, MS, Associate Professor in Residence, UCLA Health System, Los Angeles, CA and Linda Cendales, MD, Assistant Professor of Surgery, Emory University School of Medicine, Atlanta, GA*

**7:00 AM – 7:25 AM**      **Developing a Program and a Field: A Reconstructive Surgeon's Perspective**

Eduardo D. Rodriguez, MD, DDS  
Professor of Surgery  
University of Maryland Medical Center  
Baltimore, MD

**7:25 AM – 7:50 AM**      **Research Priorities for VCA Over the Next Decade**

W.P. Andrew Lee, MD  
Professor and Chairman, Department of Plastic and Reconstructive Surgery  
Johns Hopkins University School of Medicine  
Baltimore, MD

**7:50 AM – 8:15 AM**      **VCA Programs and OPOs**

Tim Pruett, MD  
Professor  
University of Minnesota  
Minneapolis, MN

### Challenges and Controversies in Intestinal and Multivisceral Transplantation

*Moderators: Douglas Farmer, MD, Professor of Surgery, Ronald Reagan UCLA Medical Center, Los Angeles, CA and Jorge Reyes, MD, Professor of Surgery, Chief of Transplant Surgery University of Washington, University of Washington, Seattle, WA*

**7:00 AM – 7:25 AM**      **Indications and Technique**

Alan Langnas, DO  
Professor of Surgery, Chief, Section of Transplant  
University of Nebraska Medical Center  
Omaha, NE

**7:25 AM – 7:50 AM**      **Immunologic Challenges**

Rakesh Sindhi, MD  
Professor of Surgery  
Children's Hospital of Pittsburgh of UPMC  
Pittsburgh, PA

**7:50 AM – 8:15 AM**      **Long-Term Outcomes**

Kareem Abu-Elmagd, MD PhD  
Director Transplant Center Cleveland Clinic  
Cleveland Clinic  
Cleveland, OH

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## Program Wednesday, May 22, 2013

### Vascularized Organ Xenotransplantation

*Moderators: Gilles Blancho, MD, PhD, Professor of Medicine, Institute of Transplantation-Urology-Nephrology (ITUN), Nantes, France and Kazuhiko Yamada, MD, PhD, Associate Professor of Surgery, Harvard Medical School Massachusetts General Hospital, Boston, MA*

- 7:00 AM – 7:25 AM**     **B Cell Depletion and Costimulatory Blockade in Pig-To-Baboon Heart Xenotransplantation**  
Muhammad Mohiuddin, MD  
Chief, Transplantation Section  
National Institutes of Health  
Bethesda, MD
- 7:25 AM – 7:50 AM**     **Genetic Modification of Swine and Innate and Adaptive Immunity in Lung Xenotransplantation**  
Agnes Azimzadeh, PhD  
Associate Professor of Surgery  
University of Maryland School of Medicine  
Baltimore, MD
- 7:50 AM – 8:15 AM**     **Genetic Modification of Donor Pigs to Control Coagulation Dysregulation**  
Peter Cowan, PhD  
Professor  
St. Vincent's Hospital Melbourne  
Melbourne, Australia

### BREAK

**8:15 AM – 8:30 AM**

### CONCURRENT ABSTRACT SESSIONS

**8:30 AM – 10:00 AM**

### COFFEE BREAK

**10:00 AM – 10:15 AM**

### INNOVATORS IN TRANSPLANTATION

**10:15 AM – 11:30 AM**

- 10:15 AM – 10:30 AM**     **Introduction**  
A Benedict Cosimi, MD  
Claude E. Welch Prof Emeritus of Surgery, HMS  
Massachusetts General Hospital  
Boston, MA
- 10:30 AM – 11:00 AM**     **Paul Terasaki, PhD**  
Professor of Surgery, UCLA, Emeritus  
Terasaki Foundation Laboratory  
Los Angeles, CA

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# AMERICAN TRANSPLANT CONGRESS

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## Program Date

### 11:00 AM – 11:30 AM **Innovators on Transplantation**

Clyde F. Barker, MD

Title

Hospital of the University of PA

Philadelphia, PA

## LUNCH BREAK

11:30 AM – 12:30 PM

## JOINT PLENARY BASIC/CLINICAL

12:30 PM – 1:30 PM

## BREAK

1:30 PM – 1:45 PM

## WHAT'S HOT, WHAT'S NEW

1:45 PM – 2:45 PM

*Moderators: Daniel Salomon, MD, Professor of Molecular and Experimental Medicine, The Scripps Research Institute, La Jolla, CA and Alan Langnas, DO, Professor of Surgery, Chief, Section of Transplant, University of Nebraska Medical Center, Omaha, NE*

1:45 PM – 2:15 PM

### **Basic**

Robert Fairchild, PhD

Professor of Molecular Medicine

Cleveland Clinic

Cleveland, OH

2:15 PM – 2:45 PM

### **Clinical**

Dorry Segev, MD, PhD

Associate Professor of Surgery, Epidemiology, and Biostatistics

Johns Hopkins University

Baltimore, MD

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