American Society for Reconstructive Transplantation

in conjunction with the

American College of Surgeons

presents:

ASRT 3rd Biennial Meeting

November 15-17, 2012

The Drake Hotel | Chicago, Illinois

Course Directors

Chair
Kodi Azari, MD, FACS
Chief, Reconstructive Transplantation
Department of Orthopaedic Surgery and Division of Transplantation
David Geffen School of Medicine at UCLA
Los Angeles, California

Co-Chair
Gerald Brandacher, MD
Scientific Director, Reconstructive Transplantation Program
Department of Plastic and Reconstructive Surgery
Johns Hopkins University School of Medicine
Baltimore, Maryland

President
L. Scott Levin, MD, FACS
Chair, Department of Orthopaedic Surgery of Penn Medicine
University of Pennsylvania
Philadelphia, Pennsylvania

ENDORSED BY:

American Society of Transplantation

www.a-s-r-t.com
Welcome to the third Biennial American Society for Reconstructive Transplantation (ASRT) Congress. This informative and interactive meeting brings together the broad and unique expertise in the field of Vascularized Composite Allotransplantation (VCA). Specifically, the meeting will focus on issues related to the immunology of VCA, the surgical procedures, and ways to initiate an independent VCA program. Sessions on tolerance and the relevance of VCA to the military will further highlight two prominent aspects of the progress in this field. In addition, we will be hosting several VCA transplant recipients in order to better understand and get first-hand information on the significance of what has been accomplished and what future patients expect from us.

Continuing from the success of the second American Conference on Reconstructive Transplant Surgery in Chicago in 2010, this Third American Conference will address, expand and strengthen for the participant many key topics in this nascent and novel field. Advancements in Reconstructive Transplantation will be presented by key Surgeons and Scientists accompanied by workshops allowing for an interactive dialogue and sharing of experience. Please join us in what will be an outstanding meeting that will analyze, investigate and celebrate the many aspects of the field of VCA.

We look forward to a great meeting.

Meeting Location

The ASRT 3rd Biennial Meeting will be held November 15-17, 2012 at The Drake Hotel, Gold Coast Ballroom, 140 East Walton Place, Chicago, Illinois. www.thedrakehotel.com. Admission to the workshops is included in the registration fee, however, pre-registration is required.

Objectives

Following completion of this program, participants should be able to:

- Understand the unique features of VCA and how it relates to the field of Transplantation as a novel entity.
- Understand the best practices for clinical VCA.
- Understand how to establish and maintain a robust VCA program.
- Understand current and future basic science investigations to optimize the process of VCA for the recipient and minimize potential morbidities from both the procedure and immunosuppressive regimens.
- Implement state of the art basic science and clinical practice into their own VCA practice.

Continuing Medical Education Credit

Participants in the 2012 meeting of the ASRT are eligible for AMA PRA Category 1 Credits(TM). These credits are available on an hour-for-hour basis. Each attendee should complete a log of his/her attendance at this meeting.

Who Should Attend

This course is designed for Surgeons, Immunologists and Allied Health Professionals in the VCA Community.
CHICAGO, ILLINOIS, USA
Situated on Lake Michigan, Chicago is third largest city in the United States, with a population of nearly three million people. Chicago promises attendees of the ASRT 3rd Biennial Meeting a multitude of exciting attractions and local flare.

The Drake Hotel
Since the 1920s, no Chicago hotel has inspired more legendary acclaim than The Drake. This historic property is the host of the ASRT 2nd Biennial Meeting. Located on the magnificent mile, The Drake affords guests easy access to the city’s most exclusive shopping, nightlife, and dining. Meeting attendees will enjoy immediate access to all the downtown attractions, such as the 2012 Festival of Lights, Navy Pier and Millennium Park. The Drake is a Chicago original with its celebrated character woven into the very fabric of this great city.

Sleeping Rooms
Sleeping rooms are available at The Drake for a discounted group rate of $219.00 per night (plus tax). To make a reservation, please contact The Drake directly by calling 312-787-2200 and identifying yourself as part of the ASRT. Rooms and rates are limited and will be confirmed on a space available basis until October 14, 2012 or until the block is full, whichever occurs first. We encourage you to make your reservation as soon as possible.

Airports
Two airports service the Chicago area: Chicago-O'Hare International Airport (ORD) is located approximately 14 miles (45 minutes) and Chicago Midway Airport (MDW) is approximately 17 miles (25 minutes) from The Drake. Frequent bus, shuttle, taxi and limousine service is available from both airports.

Ground Transportation
The Drake Hotel participates in a shared shuttle service to and from the hotel and either airport. Many national car rental companies and taxi services operate the airports as well. Current ground transportation fares are:

Chicago Midway Airport (MDW)
Taxi: approximately $30-$35 + tip each way
Shuttle: approximately $25 + tip each way

Chicago-O'Hare International Airport (ORD)
Taxi: approximately $35-$40 + tip each way
Shuttle: approximately $28 + tip each way

Visit Go Airport Shuttle online at http://www.airportexpress.com/ or call 877.544.4646 to make your shared shuttle reservation.

For more information about The Drake’s transportation options, call 312-787-2200.

Parking
The Drake Hotel offers its guests Valet Parking for a cost of $49 per night. Self Parking is also available for a cost of $35 per night.

Magnificent Mile Lights Festival
For 50 years, the trees along North Michigan Avenue have been illuminated to signal the official kick-off of the holiday season in Chicago and around the nation. With the help of over 800 volunteers, The Magnificent Mile Lights Festival® encourages everyone to join in the spirit of the holiday season and enjoy a host of festive experiences along The Magnificent Mile®. Celebrate the magic of this Chicago tradition on November 17, 2012 with numerous entertainers, celebrities, beloved Disney characters and an anticipated one million spectators. Visit http://magnificentmilelightsfestival.com/ for more information.

Commercial Exhibits
A variety of commercial exhibits will be featured at the meeting, connecting you with the industry’s key suppliers. Please support our valuable exhibitor partners by visiting their exhibit booths to find out about new technical and service trends that can positively impact your success.

Meeting Attire
We encourage meeting attendees to dress casually and comfortably. Ties are not required for any business events.

Special Needs
Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the meeting by calling 312-263-7150 or emailing contact@a-s-r-t.com.
Register Online at www.a-s-r-t.com

Registration Fees valid on or before October 15, 2012

- ASRT Full Member - $350.00
- Non-Member Physician - $450.00
- ASRT Resident Member - $150.00
- Non-Member Resident - $200.00

A late fee of $100 will be added to all registrations received after October 15, 2012.

Registration Fees include:

- Course tuition (workshops included)
- **AMA PRA Category 1 Continuing Medical Education Credits™**
- Admission to the Wine/Cheese reception on Thursday, November 15 (Guests are invited to purchase admission to the Wine/Cheese Reception for an additional fee of $50.00.)
- Continental Breakfast on Friday, November 19
- Course Syllabus

Manuscript Submission for Publication in Transplantation Proceedings

Invited faculty members and authors of abstracts accepted for presentation are encouraged to submit manuscripts prepared in accordance with guidelines to authors for publications in a special issue of Transplantation Proceedings. Transplantation

**PROGRAM**

**Thursday, November 15, 2012**

11:00 am  **ASRT Board of Directors Meeting**
(Board Members Only)

**PLENARY SESSION I:**

12:30 pm - 12:45 pm  **Opening Ceremony – Opening Statements, Focus of Meeting**

| Scott Levin, MD, ASRT President |
| Kodi Azari, MD, FACS Program Chair |
| Gerald Brandacher, MD, Program Co-Chair |

12:45 pm - 2:45 pm  **Tolerance Induction - Are we any Closer to the Holy Grail?**

| **Tolerance Protocols: Fact or Fiction?**
  CHAIRS: Kathryn Wood, PhD and David Sachs, MD |

Proceedings staff will be on-site at The Drake to receive manuscripts and assist authors in any way necessary.

For more information please refer online to:  www.a-s-r-t.com/images/stories/tx-2009-revised-guidelines.pdf

About The American Society for Reconstructive Transplantation

The ASRT was founded on July 9th, 2008. The overall goal of the society is to provide a platform for the advancement of education, science and practice of reconstructive transplant surgery. The guiding principle of the Society is to provide members and visitors with a concept that enables and encourages everybody with an interest in Reconstructive Transplantation to participate towards our goal of promoting progress and information exchange in this growing field.

Membership in The American Society for Reconstructive Transplantation provides access to:

- A panel of Experts in Transplant Immunology and Reconstructive Transplantation for consultation and establishment of multi-disciplinary trials
- A platform for communication and information exchange with all members
- A large body of information provided on the website of the Society
- Information and documents required to set up a Composite Tissue Transplant Program

**Immune Tolerance Network – Update on Ongoing Clinical Trials**
Laurence Turka, MD

**Chimerism Without the Requirement for Myoablation – Novel Translational Concepts**
Megan Sykes, MD

**Regulatory T cells for Tolerance Induction in Solid Organ Transplantation**
Kathryn Wood, PhD

**Tolerance Protocols in Reconstructive Transplantation**
Gerald Brandacher, MD

**Tolerance-promoting Bone Marrow Cells in Solid Organ Transplant Recipients**
Suzanne Ildstad, MD

**Stem Cells and Immune Tolerance**
John Scandling, MD

2:45 pm - 3:15 pm  **Break with Exhibitors**
PLENARY SESSION II:

3:15 pm - 6:00 pm  Clinical Update & Update on Hand and Face Transplant Outcomes

Speed-Update on World Experience with Clinical VCA
CHAIRS: Maria Siemionow MD; Scott Levin, MD; Laurent Lantieri, MD

| Australia (David McCombe, MD) |
| Barcelona (Joan Pere Barret, MD) |
| Boston (Bohdan Pomahac, MD) |
| Cleveland (Maria Siemionow, MD, PhD) |
| Emory (Linda Cendales, MD) |
| Innsbruck (Annmarie Weissenbacher, MD) |
| Johns Hopkins/Pittsburgh (W.P. Andrew Lee, MD, Joseph E. Losee, MD) |
| Louisville (Christina Kaufman, PhD) |
| Lyon (Emanuel Morelon, MD) |
| Maryland (Eduardo Rodriguez, MD, DDS) |
| Milan (Marco Lanzetta, MD) |
| Munich (Manfred Steiner, MD) |
| Paris (Laurent Lantieri, MD) |
| Penn (Scott Levin, MD, FACS) |
| Turkey (Omer Ozkan, MD) |
| UCLA (Kodi Azari, MD, FACS, Sue McDiarmid, MD) |
| Valencia (Pedro Cavadas, MD) |
| Warsaw (Jerzy Jableki, MD) |
| Wilford Hall (Dimitri Tudor, MD) |

5:00 pm - 5:15 pm  Break with Exhibitors

5:15 pm - 6:30 pm  Clinical Update on VCA other than Hand and Face:

| Abdominal Wall Andreas Tzakis, MD |
| Trachea/Larynx Jan Vranckx, MD |
| Lower Extremities Pedro Cavadas, MD, Omer Ozkan, MD |
| Womb Transplant - Wafa Fageeh, MD |
| Nerve Susan McKinnon, MD |

Report from the International Registry Palmina Petruzzo, MD

Update on the VCA Banff Classification Linda Cendales, MD

Friday, November 16, 2012

6:30 am - 7:30 am  Breakfast with Exhibitors

PLENARY SESSION III:

7:30 am - 8:15 am  Military Aspects of Reconstructive Transplantation
CHAIR: Eric Elster, MD and Jim Ficki, MD

| Combat Upper Extremity Injuries – Who is the Right Candidate for Transplantation? Dimitri Tudor, MD |
| Craniofacial War Injuries – Limitations for Conventional Reconstruction COL Robert Hale, MD |
| The Army Transplant Advisory Board John C. Shero, FACHE |

8:15 am - 9:30 am  UNOS and OPO - Regulatory Issues
CHAIR: Richard Luskin and Charly Alexander

| Introduction and Background Charly Alexander |
| VCA Donation – Autonomy or Regulation? Sue McDiarmid, MD |
| Standardized Consent Processes for VCA Retrieval Richard Luskin |
| VCA Quality Assurance and Process Improvement Nicholas Feduska |
| VCA and Insurance Coverage – Are we there yet? Hatem Amer, MD |

9:30 am - 10:00 am  Break with Exhibitors

10:00 am - 10:45 am  Keynote Address Ronald W. Busuttil, MD, PhD

11:00 am - 12:00 pm  Ischemia Reperfusion – Essentials in the Context of VCA
CHAIRS: Johann Pratschke, MD and Jerzy Kupiec-Weglinski, MD

| Ischemia Reperfusion Injury in VCA and SOT. Differences and Similarities Jerzy Kupiec-Weglinski, MD |
| Preservation Solutions in VCA Robert Sucher, MD |
| Strategies to Modify Ischemia Reperfusion Injury Stefan Tullius, MD |
| Experimental models for Ischemia Reperfusion in VCA Curtis Cetrulo, MD |

12:00 pm - 1:00 pm  Lunch Break (lunch not provided)

12:00 pm - 1:00 pm  ASRT Business Meeting (ALL ASRT Members Invited)

continued next page
PROGRAM CONTINUED

PLENARY SESSION IV:

1:00 pm - 2:00 pm Immune Monitoring in VCA – Unique Advantages or Unique Challenges?
CHAIRS: Adriana Zeevi, PhD; Christina Kaufman, PhD

| Omics Technologies as a Tool for Immunomonitoring in Reconstructive Transplantation | Minnie Sarwal, MD
| Current Techniques for Clinical Histocompatibility & Immunogenetics Testing | Adriana Zeevi, PhD
| Protocol Skin Biopsies – What Can and What Can’t We See? | Jake Demetris, MD
| How to Assess Compliance in Transplant Recipients? | Dorry Segev, MD

2:00 pm - 3:00 pm Antibody and Cell Mediated Rejection
CHAIRS: Suzanne Ildstad, MD, Angus Thomson, MD

| Are Vascularized Composite Allografts Immunologically Unique? | Jeffrey Walch
| The Skin Component in VCA – Friend or Foe? | Gerald Brandacher, MD
| The Highly Sensitized Transplant Recipient | Robert Montgomery, MD, PhD
| Blood Group Incompatible Transplantation | Gerald Lipshutz, MD

3:00 pm - 3:20 pm Break with Exhibitors

3:20 pm - 4:30 pm Melina Nakos Symposium – How to Assess Peripheral Nerve Regeneration and Cortical Reorganization
CHAIRS: Joseph Losee, MD, Brian Carlson, MD
INTRODUCTION: Noela & Dimitri Nakos

| Are Stem Cells the Key to Improving Nerve Regeneration? | Susan E. Mackinnon, MD
| How to Objectively Measure Peripheral Nerve Regeneration in Reconstructive Transplantation? | Ahmet Hooke, MD, PhD

| Lower Limb Transplantation: Update on the first recipient | Pedro Cavadas, MD

continued next column
Saturday, November 17, 2012

7:30 am - 9:30 am  Interactive Workshops

> Admission to the workshops is included in the registration fee, however, pre-registration is required.

| How to Establish a Reconstructive Transplant Program
| Vijay Gorantla, MD, PhD; Damon Cooney, MD, PhD
| Funding Opportunities
| Steve Steffensen, MD; W.P. Andrew Lee, MD, FACS

| Face VCA/IRB Protocol Preparation
| Maria Siemionow, MD, PhD; Emanuelle Morelon, MD; Ed Rodriguez, MD, Chad Gordon, DO
| Hand VCA/IRB Protocol Preparation
| Carisa Cooney

7:30 am - 9:30 am  Free Paper Session – Interactive Posters
(three digital terminals for viewing and discussion)

CHAIRS: David Mathes, MD, Suzanne Ildstad, MD, Christine Kaufman, PhD

9:30 am - 10:00 am  Break with Exhibitors

PLENARY SESSIONS V:

10:00 am - 11:00 pm Infectious Disease Issues in Reconstructive Transplantation

CHAIRS: Shmuel Shoham, MD, Vijay Gorantla, MD, PhD

| CMV – To Match or Not to Match?
| Atul Humar, MD
| EBV and PTLD in VCA
| Emanuel Morelon, MD
| Combined Hand and Face Transplantation – How to Assess the Risks and Benefits?
| Bohdan Pomahac, MD

11:00 am - 12:45 pm  Controversies in VCA

CHAIRS: Warren Breidenbach, MD, Raimund Margreiter, MD

| Should we Perform Unilateral Non-dominant Hand Transplantation?
| Pro: Jaimie Shores, MD
| Con: Scott Levin, MD, FACS

| Do we need to Worry About Chronic Rejection in Reconstructive Transplantation?
| Pro: Christina Kaufman, PhD
| Con: Rolf Barth, MD

12:00 pm - 12:45 pm  Lunch Break (lunch not provided)

12:00 pm  ASRT Board of Directors Meeting
(Board Members Only)

12:45 pm - 2:00 pm  Free Paper Sessions: Surgery, Immunology & Tolerance

CHAIR: David Mathes, MD, Justin Sacks, MD, Curtis Cetrullo, MD

PLENARY SESSION VI:

2:00 pm - 3:15 pm  Reconstructive Transplantation: What is on the Horizon?

CHAIRS: Ed Rodriguez, MD, W. P. Andrew Lee, MD, FACS

| Targeted Muscle Reinnervation – Will Technology Merge with Transplantation?
| Greg Dumanian, MD
| Tissue Engineering – Beyond Trachea
| Doris Taylor, PhD
| Nanomedical Approaches to Drug Delivery
| Steve Little, PhD
| Limb Transplantation for Congenital Deformities: Are We There Yet?
| Ronald Zuker, MD

3:15 pm - 3:30 pm  Break with Exhibitors

3:30 pm - 4:00 pm  Closing Ceremony & What’s Hot, What’s New

CHAIRS: Kodi Azari, MD, Gerald Brandacher, MD

| Immunology: Angus W. Thomson, PhD
| President Elect Inauguration address: Maria Siemionow, MD, PhD
| Award Ceremony

5:00 pm  ASRT 3rd Biennial Meeting Concludes
### DEMOGRAPHIC INFORMATION

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Special accommodations, if needed

### Registration Fees valid on or before October 15, 2012

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<td>Guest Entrance to Wine &amp; Cheese Reception</td>
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LATE FEE (applicable after 10/15) $100.00

**Total Registration Fee:** $

**Registration fees include:**
- Course tuition (workshops included) • Course Syllabus
- **AMA PRA Category 1 Continuing Medical Education Credits™**
- Admission to the Wine/Cheese reception on Thursday, Nov. 15
- Continental Breakfast on Friday, Nov. 16 & Saturday, Nov. 17
- Mobile Application download

### PAYMENT METHOD

- Check
- MasterCard
- Visa

**Registrations without payment will not be processed**

Name, as it appears on card

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Signature

**Total Charged**

If paying by a credit card, the charge will show up as a 'signmeup.com' purchase.

**Cancellation**

All cancellations must be in writing, via US mail, e-mail or fax. Tuition for cancellations postmarked or date stamped before October 15, 2012 will be refunded minus a $50 processing fee. No refunds will be made after October 15, 2012.

Return this portion of the form to:

**ASRT 20 N. Michigan, Suite 700 Chicago, IL 60602 Fax: 312-782-0553**