

# REGISTRATION FORM

You may also register online at:  
[www.uphs.upenn.edu/surgery/pme/acrts.html](http://www.uphs.upenn.edu/surgery/pme/acrts.html)

1st American Conference on Reconstructive Transplant Surgery (ACRTS)  
Exploring the new era of Composite Tissue Allotransplantation (CTA)

Friday and Saturday, July 18th and 19th, 2008

PLEASE PRINT OR TYPE

Name (First) \_\_\_\_\_ (Last) \_\_\_\_\_

Academic Degree \_\_\_\_\_ Medical Specialty \_\_\_\_\_

Affiliation (Hospital, Office, or Company) \_\_\_\_\_

Address ( affiliation  home) \_\_\_\_\_

City \_\_\_\_\_ State/Country \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

## REGISTRATION FEE

(pre-payment is required to be officially registered)

- Practicing Physician \$ 295.00
- Allied Health Professionals \$ 195.00
- Residents and Fellows \$ 75.00

**Payment Method:** Make check payable to -  
Hospital of the University of Pennsylvania

**Mail Payments and Registration to:**  
Hospital of the University of Pennsylvania  
Department of Surgery, Office of Surgery Education  
3400 Spruce Street, 4 Maloney  
Philadelphia, PA 19104-4283  
Phone: 215-662-2810 Fax: 215-349-5098  
gretchen.matika@uphs.upenn.edu

### PLEASE NOTE:

Walk-in registrants must bring payment to the program.  
Seating may be limited for walk-in registrants.



Hospital of the University of Pennsylvania  
Department of Surgery Education  
3400 Spruce Street, 4 Maloney  
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1st American Conference on  
Reconstructive Transplant Surgery (ACRTS)

Friday, July 18 and Saturday, July 19, 2008

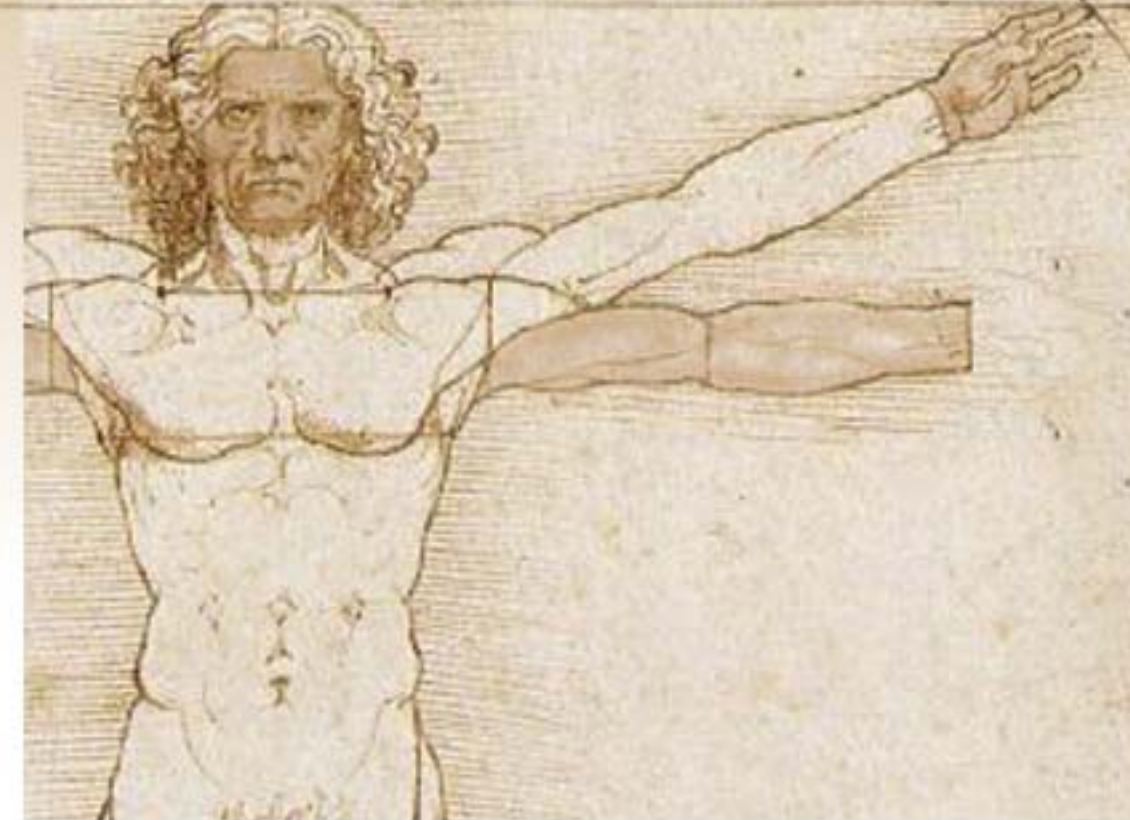
Hyatt Regency Philadelphia at Penn's Landing  
201 S. Christopher Columbus Boulevard  
Philadelphia, PA 19106 215-928-1234

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# 1st American Conference on Reconstructive Transplant Surgery (ACRTS)

Friday, July 18 and Saturday, July 19, 2008



PROSPECTS AND FUTURE  
COMPOSITE TISSUE ALLOTRANSPLANTATION

Hyatt Regency Philadelphia at Penn's Landing

201 S. Christopher Columbus Boulevard

Philadelphia, PA 19106 215-928-1234

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12 CME Credits Available



## Program Overview

After solid organ transplantation has become a routine treatment for organ failure, the next frontier in this field is the transplantation of "composite tissue" such as the hand or face to serve the unmet need for complex tissue reconstruction. In this meeting, we bring together the leaders of both reconstructive surgery and transplant immunology to foster the interaction between these two specialties and promote widespread application of this novel treatment. The invited course faculty members are international experts in this field with firsthand knowledge in reconstructive transplant surgery. All aspects of the surgical procedure as well as rehabilitation and immunosuppressive treatment will be comprehensively elaborated upon and future applications will be discussed. Course participants will be presented with the very latest achievements in transplant immunology and with strategies that have been used successfully to minimize long-term immunosuppressive treatment after organ transplantation.

## Learner Objectives

The purpose of this meeting is to educate attendees in reconstructive transplant surgery.

Upon completion of this activity participants should be able to:

1. Discuss the current status in hand and face transplantation
2. Describe appropriate immunosuppressive treatment in composite tissue allotransplantation
3. Identify strategies for induction of tolerance towards an allograft
4. Discuss how to establish a hand or face transplant program
5. Explain potential future applications of reconstructive transplant surgery

## Accreditation

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

The American Society of Plastic Surgeons designates this educational activity for a maximum of 12 *AMA PRA Category 1 credits*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

## Registration Fees

The registration fee for "**1st American Conference on Reconstructive Transplant Surgery (ACRTS)**" is \$295 for physicians, \$195 for nurses and other allied health professionals, and \$75 for residents and fellows and is payable only by check.

The fee includes course registration, continental breakfasts, lunches, refreshment breaks and a course syllabus.

Registrations forms can be mailed or faxed to the Hospital of the University of Pennsylvania, Department of Surgery Education with payment or you may register on-line at:

[www.uphs.upenn.edu/surgery/pme/acrts.html](http://www.uphs.upenn.edu/surgery/pme/acrts.html)

Payment must be received for official registration. For more information regarding this course please contact: Gretchen.Matika@uphs.upenn.edu or by telephone (215) 662-2810.

Please see bottom of enclosed registration form for mailing and fax information. All registrations will be confirmed in writing if your registration form and fee is received by July 4, 2008.

**Joseph E. Losee, MD, FACS, FAAP**  
Associate Professor of Surgery and Pediatrics  
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**Susan Mackinnon, MD**  
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Chief, Plastic and Reconstructive Surgery  
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Senior Associate Consultant  
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Transplantation Research Center  
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Surgery  
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**Xin Xiao Zheng, MD**  
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## Course Chairs

### Joseph M. Serletti, MD, FACS

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Chief, Division of Plastic Surgery  
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### L. Scott Levin, MD, FACS

Professor of Orthopedic and Plastic Surgery  
Chief, Division of Plastic Surgery  
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## Program Chair

### Stefan Schneeberger, MD

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Director, CTA Program Pittsburgh  
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University of Pittsburgh Medical Center  
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## Honorary Chair

### Linton A. Whitaker, MD

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Founder and Director, Center for Human  
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## Course Faculty

### Edward A. Athanasian, MD

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### Elisabeth K. Beahm, MD, FACS

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Consultant Plastic Surgeon and Honorary  
Senior Lecturer  
Royal Free and University College Hospitals  
London, UK

### Arthur L. Caplan, PhD

Emanuel and Robert Hart Professor of  
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Director, Center for Bioethics  
Chair, Department of Medical Ethics  
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Department of Transplant Surgery  
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### Gregory R. D. Evans, MD, FACS

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### Suzanne T. Ildstad, MD

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Distinguished Professor of Transplantation  
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### Neil F. Jones, MD

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Chief of Hand Surgery  
UCLA Medical Center  
California, USA

### Fadi G. Lakkis, MD

Professor of Surgery and Immunology  
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Transplantation Institute  
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Pennsylvania, USA

### Laurent A. Lantieri, MD

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Reconstructive Surgery  
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Hopitaux de Paris  
Paris, FRANCE

### Robert Lechler MB, ChB, MRCP, PhD, FRCP, FRCPath, FMedSci

Professor of Medicine  
Vice-Principal (Health)  
King's College London  
London, UK

## Cancellation and Refund Policy

In order to process refunds for course withdrawals, cancellations must be received in writing by July 11, 2008 (subject to a service charge equivalent to 10% of the registration fee). No refunds will be issued thereafter.

## Meeting Location

The "1st American Conference on Reconstructive Transplant Surgery (ACRTS)" will be held Friday and Saturday, July 18 and 19, 2008 at the Hyatt Regency Philadelphia at Penn's Landing, 201 S. Christopher Columbus Blvd, Philadelphia, PA 19106. Directions will be mailed to you with your registration confirmation letter. A block of rooms has been reserved for this course at a rate of \$189 per night for a single room. This rate will expire June 19th, 2008. If you require overnight rooms at the Hyatt Regency Pennsylvania, please call their reservations line directly at 1-800-233-1234 and ask for the "Hospital of University of Penn" rate or reserve online at [www.pennslanding.hyatt.com](http://www.pennslanding.hyatt.com) using the code: G-PENN. Hotel check in is 3 pm and check out is noon. Information regarding parking can be found on the hotel website.

## Philadelphia Attractions

The College of Physicians of  
Philadelphia: The Mütter Museum  
[www.collphyphil.org/mutter.asp](http://www.collphyphil.org/mutter.asp)

Franklin Institute  
[www2.fi.edu](http://www2.fi.edu)

Independence National Historical Park  
[www.nps.gov/archive/inde/visit.html](http://www.nps.gov/archive/inde/visit.html)

Independence Visitors Center  
[www.independencevisitorcenter.com](http://www.independencevisitorcenter.com)

Kimmel Center for the Performing Arts  
[www.kimmelcenter.org](http://www.kimmelcenter.org)

Academy of Music  
[www.kimmelcenter.org/broadway/](http://www.kimmelcenter.org/broadway/)  
July 15-27, 2008 - "Mamma Mia"

National Constitution Center  
[www.constitutioncenter.org](http://www.constitutioncenter.org)

Philadelphia Museum of Art  
[www.philamuseum.org](http://www.philamuseum.org)  
"Transcending the Literal: Photographs  
by Ansel Adams from the Collection"

## Abstract Submission

Deadline April 25, 2008!

Scientific contributions on topics related to reconstructive surgery or transplantation with a focus on composite tissue allotransplantation are welcome for abstract submission. A selection of abstracts will be accepted for podium presentation in the "free paper sessions".

Abstracts will only be accepted electronically. Directions and online submission available at:

[www.uphs.upenn.edu/surgery/pme/ACRTSform.html](http://www.uphs.upenn.edu/surgery/pme/ACRTSform.html)

Notification of acceptance of abstracts will be sent together with guidelines for presentation in May 2008.

## 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 Proceedings staff will be on-site at the Hyatt Regency Philadelphia to receive manuscripts and assist authors in any way necessary.

For more information please refer online to:  
[www.uphs.upenn.edu/surgery/pme/acrts.html](http://www.uphs.upenn.edu/surgery/pme/acrts.html)

## FRIDAY, July 18, 2008

- 6:15 am COURSE REGISTRATION AND CONTINENTAL BREAKFAST
- 7:00 am **Introductory Remarks**  
*Stefan Schneeberger, MD*
- 7:10 am **KEYNOTE LECTURE I:**  
**The Past, Present and Future of Hand Transplantation in the United States**  
*Warren C. Breidenbach, III, MD, FRCS*

### Hand, Face and Abdominal Wall Transplantation - The State of the Art I

**Chairs:** Warren C. Breidenbach, III, MD, FRCS and Robert L. Walton, MD

- 7:30 am **Surgical Aspects of Hand Transplantation**  
*Milomir Ninkovic, MD*
- 7:50 am **Surgical Aspects of Face Transplantation**  
*Laurent A. Lantieri, MD*
- 8:10 am **Rehabilitation and Assessment of Function after Hand and Forearm Transplantation**  
*Marina Ninkovic, MD*
- 8:30 am **Functional Outcome after Hand Transplantation**  
*W.P. Andrew Lee, MD*
- 8:50 am **Functional Outcome after Face Transplantation**  
*Bernard Devauchelle, MD, DMD, PhD, FRCS*
- 9:10 am **Abdominal Wall Transplantation: Surgical and Immunological Aspects**  
*Gennaro Selvaggi, MD*
- 9:30 am BREAK

### Hand, Face and Abdominal Wall Transplantation - The State of the Art II

**Chairs:** Raimund Margreiter, MD, Jean-Michel Dubernard, MD, PhD and Nadey S. Hakim, MD, PhD

- 9:45 am **Immunosuppression for Human Hand and Face Transplantation**  
*Nadey S. Hakim, MD, PhD*
- 10:05 am **Immune Monitoring of the Immunosuppressed Patient**  
*Adriana Zeevi, PhD*
- 10:25 am **Acute Rejection: Incidence, Appearance, Classification and Treatment**  
*Stefan Schneeberger, MD*

- 10:45 am **Chronic Rejection in CTA: Experimental and Clinical Observations**  
*Vijay S. Gorantla, MD, PhD*
- 11:05 am **Ethics, IRBs, Media and the Public**  
*Arthur L. Caplan, PhD*
- 11:25 am **KEYNOTE LECTURE II:**  
**Strategies for Local Immunosuppression and its Application in CTA**  
*Scott A. Gruber, MD, PhD, MBA, FACS, FCP*
- 11:50 am LUNCH

### Strategies for Tolerance Induction I

**Chairs:** Wayne W. Hancock, MD, PhD and Angus W. Thomson, PhD, DSc

- 12:40 pm **The Role of Depletion, Exhaustion and Ignorance for Tolerance Induction**  
*Fadi G. Lakkis, MD*
- 1:00 pm **Depletional Induction Therapy with Alemtuzumab for Tolerance Induction**  
*Ron Shapiro, MD*
- 1:20 pm **Depletion vs Myeloablation in Organ vs Bone Marrow Transplantation**  
*Suzanne T. Ildstad, MD*
- 1:40 pm **Tolerance Induction Following Kidney and Bone Marrow Transplantation Avoiding Myeloablation**  
*Megan Sykes, MD*
- 2:00 pm **Chimerism and Bone Marrow based Strategies for Tolerance Induction in CTA**  
*Maria Z. Siemionow, MD, PhD, DSc*
- 2:20 pm BREAK

### Strategies for Tolerance Induction II

**Chairs:** Abraham Shaked, MD, PhD and Fadi G. Lakkis, MD

- 2:35 pm **Tolerance Induction by Blockade of Co-stimulatory Pathways**  
*Nader Najafian, MD*
- 2:55 pm **The Balance of Deletion and Regulation in Transplant Tolerance**  
*Xin Xiao Zheng, MD*
- 3:15 pm **Dendritic Cells - The Key to Transplantation Tolerance?**  
*Angus W. Thomson, PhD, DSc*

- 3:35pm **T-regs - Dinosaurs or Mystic Murine Tools for Tolerance Induction?**  
*Robert Lechler MB, ChB, MRCP, PhD, FRCP, FRCPath, FMedSci*
- 3:55 pm **Epigenetic Regulation of Foxp3 and Allograft Tolerance**  
*Wayne W. Hancock, MD, PhD*
- 4:15 pm TBA
- 4:35 pm BREAK
- 4:50 pm Free Papers I
- 6:00 pm ADJOURNMENT

## SATURDAY, July 19, 2008

### Establishing a Hand or Face Transplant Program

**Chairs:** Elisabeth K. Beahm, MD, FACS and Gordon R. Tobin, MD, FACS

- 7:00 am CONTINENTAL BREAKFAST
- 7:30 am **Requirements for Establishing a CTA Program: Infrastructure, Personnel, Timeline, Communication and Research**  
*W.P. Andrew Lee, MD*
- 7:50 am **Donor Availability and Collaboration with the OPO**  
*Susan Stuart, RN, MPM*
- 8:10 am **Funding a CTA Program**  
*Vijay S. Gorantla, MD, PhD*
- 8:30 am **Indications and Contraindications for Hand and Face Transplantation**  
*L. Scott Levin, MD, FACS*
- 8:50 am **Role of Composite Tissue Allotransplantation in the United States in the Next Decade**  
*David W. Mathes, MD*
- 9:10 am **The Role of Tissue Engineering in the United States in the Next Decade**  
*Gregory R. D. Evans, MD, FACS*
- 9:30 am BREAK
- 9:50 am **KEYNOTE LECTURE III:**  
**What the Brain Thinks about New Body Parts**  
*Angela Sirigu, MD*

- 10:20 am Free Papers II

- 11:40 am LUNCH

### Prospects and Visions I

**Chairs:** Gunter Germann, MD, PhD and Julian J. Pribaz, MD

- 12:40 pm **Novel Strategies for Immunosuppression in Hand and Face Transplantation: The Pioneering French Experience**  
*Jean-Michel Dubernard, MD, PhD*
- 1:00 pm **Stop Playing, Start Acting: When is the Right Time for Full Face Transplantation?**  
*Peter E. M. Butler MD, FRCSI, FRCS, FRCS (Plast)*
- 1:20 pm **Reconstructive Transplant Surgery for Burn Victims**  
*Gunter Germann, MD, PhD*
- 1:45 pm **When the Skin is not Enough: Allografts for Skeletal Facial Reconstruction after Maxillofacial Trauma**  
*Paul N. Manson, MD and Edward D. Rodriguez, MD, DDS*
- 2:05 pm **Allotransplantation for Inborn Defects and Deformities: Our Wildest Dreams**  
*Joseph E. Losee, MD, FACS, FAAP*
- 2:25 pm **Reconstructive Transplant Surgery for Indications other than Hand and Face**  
*Joseph M. Serletti, MD, FACS*
- 2:45 pm BREAK
- Prospects and Visions II**  
**Chairs:** Edward A. Athanasian, MD and Steven L. Moran, MD
- 3:05 pm **How to Optimize Nerve Regeneration after Transplantation: Relevance of Patient Age, Time since Amputation and Drug Treatment**  
*Susan Mackinnon, MD*
- 3:25 pm **Arm Transplantation: Options and Limitations**  
*Neil F. Jones, MD*
- 3:45 pm **CTA for Reconstruction under Low Dose Immunosuppression: Risks for Malignancy and Infections**  
*Hugo Bonatti, MD*
- 4:05 pm **Closing Remarks**  
*Joseph M. Serletti, MD, FACS*
- 4:15 pm COURSE ADJOURNMENT