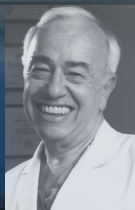


Transplantation, Surgical Education and Immunology



*Celebrating Mark Hardy's
First 40 Years at
NewYork-Presbyterian/
Columbia University Medical Center*

Friday, October 16, 2015

9:00AM – 5:30PM

New York, New York

Course Directors:

Jean C. Emond, MD, FACS

Lloyd E. Ratner, MD, MPH, FACS

Sessions will include:

Innovation • Surgical Education

Immunologic Tolerance • Immunosuppression

Islet and Cellular Transplant

The College of Physicians and Surgeons designates this live activity for a maximum
of 6.25 AMA PRA Category 1 Credits™



COLUMBIA UNIVERSITY

*College of Physicians
and Surgeons*

NewYork-Presbyterian
Columbia University Medical Center

Overall Goals

This one-day CME accredited course will educate clinicians about new therapies available for patients including the use of cell transplantation for the repair or replacement of organs, immunosuppression in transplantation, immunologic suppression and the progress of pancreatic islet and cellular transplantation. Surgical and medical education is critical in the role of innovation and determining which patients may benefit from specific therapies.

Learning Objectives

- ▶ Discuss the progress in pancreatic islet use for correction of diabetes mellitus
- ▶ Identify the use of cell transplantation for repair or replacement of organs
- ▶ Describe the use of immunosuppression in transplantation
- ▶ Classify the ongoing studies of the use of new immunosuppressive drugs
- ▶ List the various fields of innovation in medicine including vascular stents in arterial reconstruction and the development of new machines for liver preservation
- ▶ Recognize advances in surgical education

Target Audience

This activity is designed for physicians and surgeons including: cardiologists, diabetologists, hepatologists, immunologists, infectious disease specialists, internists, nephrologists, radiologists and transplant surgeons, as well as, medical and surgical residents and students, nurse practitioners and physician assistants.

Accreditation

The College of Physicians and Surgeons of Columbia University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

AMA Credit Designation Statement

The College of Physicians and Surgeons designates this live activity for a maximum of 6.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses and physician assistants are encouraged to check with their accrediting organization to ensure they accept *AMA PRA Category 1 Credits*[™].

Support

We expect support for this program through grants from pharmaceutical and medical device companies.

Course Organizers

PROGRAM ADMINISTRATOR

Deborah Schwarz, RPA, CIBE
Executive Director and
Chief Communications Officer
Columbia University Medical Center
Department of Surgery, External Affairs

PROGRAM COORDINATOR

Jessica Scully
Senior Events Coordinator
Columbia University Medical Center
Department of Surgery, External Affairs
Tel: 212-304-7817 • Fax: 212-304-7811
E-mail: jas2134@cumc.columbia.edu

Meeting Location

NewYork-Presbyterian/Columbia University Medical Center
Vivian and Seymour Milstein Family Heart Center
Myrna L. Daniels Auditorium
173 Fort Washington Avenue, First Floor
New York, NY 10032

Registration: Outside of the Myrna L. Daniels Auditorium

Didactics: Myrna L. Daniels Auditorium

Meals & Vendor Exhibits: Riverview Terrace

Travel & Hotel Information

Local Area Hotels

For a listing of local area hotels, please visit www.ColumbiaSurgeryCME.org and select Transplant CME.

Subway

Take the 1 or A or C lines to 168th Street – Washington Heights/Broadway.

Parking

Parking is available at the NewYork-Presbyterian/Columbia University Medical Center parking garage, located on the southwest corner of Fort Washington Avenue and West 165th Street. Parking fee is NOT included with registration.

Valet Parking

Valet parking is available at the entrance of the Milstein Hospital Building located at 177 Fort Washington Avenue.

Agenda

- 9:00AM – 10:00AM Registration, Breakfast & Vendor Exhibits
- 10:00AM – 10:30AM Opening Remarks
– *Lee Goldman, MD, MPH, Robert E. Kelly, MD and
Craig R. Smith, MD, FACS*
- 10:30AM – 10:45AM Dedication and History – *Eric A. Rose, MD, FACS*

SESSION 1: INNOVATION AND SURGICAL EDUCATION

Moderator: Lloyd E. Ratner, MD, MPH, FACS

- 10:45AM – 11:00AM The Evolution of Surgical Education – *Tracey D. Arnell, MD, FACS*
- 11:00AM – 11:15AM Thymosins: From the lab to the clinic – *Allan L. Goldstein, PhD*
- 11:15AM – 11:30AM Working with PharmA: From basic to clinic
– *Nadav Friedmann, PhD, MD*
- 11:30AM – 11:45AM Vascular Stents – *Michael L. Marin, MD, FACS*
- 11:45AM – 12:00PM Liver Preservation – *James V. Guarrera, MD, FACS*
- 12:00PM – 12:15PM Break & Vendor Exhibits

SESSION 2: IMMUNOLOGIC TOLERANCE

Moderator: Megan Sykes, MD

- 12:15PM – 12:30PM Clinical Experience with Mixed Chimerism – *David H. Sachs, MD*
- 12:30PM – 12:45PM Tolerance and Induction of Regulatory T-cells
– *Nicole Suci-Foca, PhD*
- 12:45PM – 1:00PM Clinical Tolerance Induction with T-cell Manipulation
– *Joshua Miller, MD, FACS*
- 1:00PM – 1:15PM Panel: Does Tolerance to Allografts and Xenografts Have a
Clinical Chance?
Moderator: Megan Sykes, MD
*Panelists and Speakers: Adam Griesemer, MD and
Soji F. Oluwole, MD, FACS*

LUNCH SESSION: SURGICAL EDUCATION

Moderator: Jean C. Emond, MD, FACS

- 1:15PM – 2:30PM Treatment of Glomerular Diseases as Outgrowth of Renal
Transplantation (How I Taught MAH to be a Preceptor)
– *Gerald Appel, MD*
- Bridges to Heart Transplantation (How I Taught MAH to be a
Residency Program Director) – *Michael Argenziano, MD, FACS*
- Progress in Global Surgery (How I Taught MAH to be an
Internationalist) – *Adam L. Kushner, MD, MPH, FACS*

Agenda (continued)

How to Train Residents and Fellows to be Scientists:
T32 and beyond (How I Taught MAH to Write T32's)
– *Steven O. Marx, MD*

The History of the Heart Transplant Program at NYP/Columbia
(How I Taught MAH to Initiate a Heart Transplant Program)
– *Ronald E. Drusin, MD*

The Role of Simulation in Surgical Training (How I Taught MAH
to Run a National Board Review Course)
– *Warren D. Widmann, MD, FACS*

SESSION 3: IMMUNOSUPPRESSION

Moderator: Anthony P. Monaco, MD, FACS

- 2:30PM – 2:45PM The Evolution of Immunosuppression – *David J. Cohen, MD*
- 2:45PM – 3:00PM Immunosuppression in Adults and Children
– *Velma Scantlebury, MD, FACS*
- 3:00PM – 3:15PM Moving Away from Drug Nephrotoxicity – *Michael R. Marvin, MD, FACS*
- 3:15PM – 3:35PM Panel: The Impact of Immunosuppression on Clinical Practice
Moderator: Alan I. Benvenisty, MD, FACS
Panelists: Michael J. Goldstein, MD, FACS,
Karim J. Halazun, MD, Abbas Rana, MD,
Benjamin Samstein, MD, FACS, Demetra Tsapepas, PharmD, BCPS
and Waichi Wong, MD
- 3:35PM – 3:50PM Break & Vendor Exhibits

SESSION 4: ISLET AND CELLULAR TRANSPLANT

Moderator: Kevan Herold, MD

- 3:50PM – 4:15PM The Evolution of Islet Transplantation – *Clyde F. Barker, MD, FACS*
- 4:15PM – 4:30PM Lessons and Benefits From Being an Islet Transplant Center
– *Paul E. Harris, PhD*
- 4:30PM – 4:45PM The Progress and Benefits of Islet Transplantation
– *Piotr Witkowski, MD, PhD*
- 4:45PM – 5:00PM Does Cardiomyocyte Have a Future in Cardiac Repair?
– *David A. D'Alessandro, MD, FACS*
- 5:00PM – 5:20PM Panel: Where is Cell Transplantation Going?
Moderator: Randall S. Sung, MD, FACS
Panelists: John A. Chabot, MD, FACS,
David A. D'Alessandro, MD, FACS, Richard M. Green, MD, FACS,
Henry T. Lau, MD, FACS, Beth A. Schrope, MD, PhD, FACS and
Hugo Sondermeijer, MD, MS
- 5:20PM – 5:30PM Closing Remarks – *Kenneth A. Forde, MD, FACS*

Course Directors

Jean C. Emond, MD, FACS
Thomas S. Zimmer Professor of
Reconstructive Surgery (in Pediatrics)
Columbia University College of
Physicians and Surgeons
Vice Chair, Department of Surgery
Executive Director, Transplant Initiative
NYP/Columbia

Lloyd E. Ratner, MD, MPH, FACS
Professor of Surgery
Columbia University College of
Physicians and Surgeons
Director, Renal and Pancreatic Transplantation
NYP/Columbia

Guest Faculty

Clyde F. Barker, MD, FACS
Donald Guthrie Professor of Surgery
Consultant Surgeon
Veterans Administration Hospital
Surgical Staff
Hospital of the University of Pennsylvania

Alan I. Benvenisty, MD, FACS
Professor of Surgery
Director of Vascular Lab
Icahn School of Medicine at Mount Sinai

David A. D'Alessandro, MD, FACS
Associate Professor
Surgical Director of Cardiac Transplantation
and Mechanical Circulatory Support
Massachusetts General Hospital

Nadav Friedmann, PhD, MD
Chief Medical & Operating Officer
Pain Therapeutics, Inc.

Allan L. Goldstein, PhD
Emeritus Professor & Chairman
Department of Biochemistry &
Molecular Medicine
The George Washington University School
of Medicine & Health Sciences

Michael J. Goldstein, MD, FACS
Chief, Kidney Transplantation
Associate Professor of Clinical Surgery
Jackson Memorial Hospital
University of Miami/
Miller School of Medicine

Kevan Herold, MD
Professor of Immunology and Medicine
(Endocrinology)
Deputy Director for Translational Science YCCI
Director, Yale Diabetes Center
Yale University School of Medicine

Adam L. Kushner, MD, MPH, FACS
Lecturer, Department of Surgery
Columbia University
Associate, Department of International Health
Johns Hopkins Bloomberg School of
Public Health
Director and Founder, Surgeons OverSeas (SOS)

Henry T. Lau, MD, FACS
Associate Professor of Surgery
Johns Hopkins School of Medicine

Michael L. Marin, MD, FACS
The Jacobson Professor of Surgery
Chairman, Department of Surgery
Icahn School of Medicine at Mount Sinai
Surgeon-In-Chief
Mount Sinai Health System

Michael R. Marvin, MD, FACS
Associate Professor of Surgery
Division of Transplantation
University of Louisville

Joshua Miller, MD, FACS
Professor Emeritus, Department of Surgery
Northwestern University School of Medicine

Anthony P. Monaco, MD, FACS
Peter Medawar Professor of
Transplantation Surgery
Harvard Medical School
Beth Israel Deaconess Medical Center

Guest Faculty *(continued)*

Soji F. Oluwole, MD, FACS
Emeritus Professor of Surgery
Columbia University College of
Physicians and Surgeons
Former Chief of Surgery
Harlem Hospital Center

Abbas Rana, MD
Assistant Professor of Surgery
Division of Abdominal Transplantation
Baylor College of Medicine

Eric A. Rose, MD, FACS
Professor, Health Evidence & Policy
Professor, Cardiothoracic Surgery
Professor, Surgery
Professor, Medicine
Mount Sinai

Velma Scantlebury, MD, FACS
Associate Director, Kidney Transplantation
Christiana Care Health System

Hugo Sondermeijer, MD, MS
Division of Cardiology and Physiology
Maastricht University Medical Centre
Maastricht University, Netherlands

Randall S. Sung, MD, FACS
Associate Professor in the Section of
Transplantation Surgery
University of Michigan

Warren D. Widmann, MD, FACS
Assistant Dean, Surgical Education
Clinical Professor of Surgery
State University of New York Downstate
Medical Center
Special Lecturer, Department of Surgery
Columbia University College of
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Piotr Witkowski, MD, PhD
Associate Professor of Surgery
Director, Pancreatic and Islet
Transplant Program
The University of Chicago Medicine

Waichi Wong, MD
Assistant Physician
Division of Nephrology/Transplantation
Harvard School of Medicine
Massachusetts General Hospital



**NewYork-Presbyterian
Columbia University College of Physicians and Surgeons
Weill Cornell Medical College
Faculty**

Gerald Appel, MD

Professor of Medicine
Columbia University College of
Physicians and Surgeons
Co-Director of Clinical Nephrology
NYP/Columbia

Michael Argenziano, MD, FACS

Associate Professor of Surgery at CUMC
Chief, Adult Cardiac Surgery Section
NewYork-Presbyterian Hospital/Columbia
Director, Thoracic Surgery Residency Program
Director, Minimally Invasive and
Robotic Cardiac Surgery
Director, Surgical Arrhythmia Program
NYP/Columbia

Tracey D. Arnell, MD, FACS

Associate Professor of Surgery at CUMC
Chief, Division of General Surgery
Vice Chair, Medical Education
Department of Surgery
Chairman, Committee on
Appointments and Promotions
Director, General Surgery Residency Program
NYP/Columbia

John A. Chabot, MD, FACS

David V. Habif Professor of Surgery
Columbia University College of
Physicians and Surgeons
Vice President, ColumbiaDoctors
Chief, Division of GI/Endocrine Surgery
Executive Director, Pancreas Center
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David J. Cohen, MD

Professor of Clinical Medicine
Columbia University College of
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NYP/Columbia

Ronald E. Drusin, MD

Vice Dean for Education
Rolf H. Scholdager Professor of
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NYP/Columbia

Kenneth A. Forde, MD, FACS

José M. Ferrer Professor Emeritus in Surgery
Columbia University College of
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Lee Goldman, MD

Chief Executive
Columbia University Medical Center
Executive Vice President and
Dean of the Faculties of Health Sciences
and Medicine
Columbia University

Richard M. Green, MD, FACS

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Associate Chief, Division of Cardiac,
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Division of the Center for
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Columbia University College of
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Director of the Large Animal
Xenotransplantation Laboratory of the Columbia
Center for Translational Immunology
NYP/Columbia

James V. Guarrera, MD, FACS

Associate Professor of Surgery
Columbia University College of
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Surgical Director, Adult Liver Transplantation
NYP/Columbia

Karim J. Halazun, MD

Assistant Professor of Surgery
Weill Cornell Medical College

Paul E. Harris, PhD

Research Scientist
Department of Medicine, Division of Endocrinology
Columbia University College of
Physicians and Surgeons

**NewYork-Presbyterian
Columbia University College of Physicians and Surgeons
Weill Cornell Medical College**

Faculty (*continued*)

Robert E. Kelly, MD

President
NewYork-Presbyterian Hospital

Steven O. Marx, MD

Professor of Medicine (in Pharmacology)
Columbia University College of
Physicians and Surgeons
Director, Cardiovascular Fellowship Program

David H. Sachs, MD

Scientific Director, CTS
Head, Transplantation Biology Research
Center Laboratories
CTS Immunologist, Massachusetts
General Hospital
Paul S. Russell/Warner-Lambert
Professor of Surgery
Harvard Medical School
Professor of Surgical Sciences (in Surgery)
at CUMC

Benjamin Samstein, MD, FACS

Assistant Professor of Surgery
Weill Cornell Medical College
Chief of Liver Transplantation and
Hepatobiliary Surgery
Surgical Director, Living Donor Liver
Transplant Program
Program Director, Transplant Surgery
Fellowship
Adjunct Assistant Professor of Surgery
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NYP

Beth A. Schrope, MD, PhD, FACS

Associate Professor of Surgery at CUMC
Columbia University College of
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Director, Pancreatic Cyst Surveillance Program
Pancreas Center
Director, Autologous Islet Cell
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Craig R. Smith, MD, FACS

Johnson & Johnson Distinguished Professor in
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Valentine Mott Professor of Surgery
Columbia University College of
Physicians and Surgeons
Chair, Department of Surgery
Surgeon-in-Chief
NYP/Columbia

Nicole Suci-Foca, PhD

Professor Emeritus of Clinical Pathology and
Cell Biology in Surgery
Special Lecturer
Columbia University College of
Physicians and Surgeons

Megan Sykes, MD

Michael J. Friedlander Professor of Medicine
and Professor of Microbiology & Immunology
and Surgical Sciences (in Surgery)
Columbia University College of
Physicians and Surgeons
Director, Columbia Center for
Translational Immunology
Director of Research, Transplant Initiative
Director, Bone Marrow
Transplantation Research
Division of Hematology/Oncology

Demetra Tsapepas, PharmD, BCPS

Clinical Pharmacy Manager
Solid Organ Transplantation
NYP/Columbia
Assistant Professor of Clinical
Surgical Sciences
Columbia University College of
Physicians and Surgeons

Meeting Location

NewYork-Presbyterian/Columbia University Medical Center
Vivian and Seymour Milstein Family Heart Center
Myrna L. Daniels Auditorium
173 Fort Washington Avenue, First Floor
New York, NY 10032

Registration: Outside of the Myrna L. Daniels Auditorium

Didactics: Myrna L. Daniels Auditorium

Meals & Vendor Exhibits: Riverview Terrace

Registration Fees

NYP = NewYork-Presbyterian

CUMC = Columbia University Medical Center (includes ColumbiaDoctors)

WCMC = Weill Cornell Medical College

NYP/CUMC/WCMC & ColumbiaDoctors Clinicians **FREE**

Physicians (non-NYP/CUMC/WCMC/ColumbiaDoctors)..... **\$150**

Nurses, Physician Assistants, Fellows & Residents

(non-NYP/CUMC/WCMC/ColumbiaDoctors) **\$75**

Payment Methods

ONLINE: To make an online credit card payment please visit:

www.ColumbiaSurgeryCME.org.

For security purposes, credit card payments cannot be accepted in the mail or by phone.
American Express, Discover, MasterCard and Visa only.

BY MAIL: Complete the attached registration form and mail together with full payment to:

Columbia University Medical Center
Department of Surgery, External Affairs
400 Kelby Street, 11th Floor
Fort Lee, NJ 07024

Enclose a check or money order made payable to:

Columbia University Department of Surgery/Transplant CME

Checks must be in U.S. dollars drawn on a U.S. bank.

Registration

Please register me for the continuing medical education program entitled:

Transplantation, Surgical Education and Immunology ***Celebrating Mark Hardy's First 40 Years at NYP/Columbia***

Space is limited, early registration is highly encouraged

- NYP/CUMC/WCMC & ColumbiaDoctors Clinicians.....**FREE**
- Physicians (non-NYP/CUMC/WCMC/ColumbiaDoctors)**\$150**
- Nurses, Physician Assistants, Fellows & Residents
(non-NYP/CUMC/WCMC/ColumbiaDoctors).....**\$75**

Please print or type

First Name	M.I.	Last Name	Degree(s)
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Company/Institution

Address

City	State	Zip
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Daytime Phone	Daytime Fax
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E-mail (required for confirmation purposes)

Specialty

Special Needs (specify accommodations needed)

Attendee Signature	Date
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PLEASE NOTE: Registration is limited and will be handled on a first-come, first-served basis. Telephone registrations and/or cancellations are not accepted. If you cancel your registration at least ten business days prior to the course (Friday, October 2, 2015), we will refund your registration fee, less a \$25 administrative charge. Unfortunately no refunds can be made thereafter.

Columbia University Medical Center
Department of Surgery, External Affairs
400 Kelby Street, 11th Floor
Fort Lee, New Jersey 07024

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