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

Friday, October 16, 2015
9:00 AM – 5:30 PM
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™
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
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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 Suciu-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. Schroepe, 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

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 Physicians and Surgeons

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
NYP/Columbia

David J. Cohen, MD
Professor of Clinical Medicine
Columbia University College of Physicians and Surgeons
NYP/Columbia

Ronald E. Drusin, MD
Vice Dean for Education
Rolf H. Scholdager Professor of Medicine at CUMC
NYP/Columbia

Kenneth A. Forde, MD, FACS
José M. Ferrer Professor Emeritus in Surgery
Columbia University College of Physicians and Surgeons

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

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Associate Chief, Division of Cardiac, Thoracic and Vascular Surgery
NYP/Columbia

Adam Griesemer, MD
Assistant Professor of Surgery
Division of the Center for Liver Disease and Transplantation
Columbia University College of Physicians and Surgeons
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 Physicians and Surgeons
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
Columbia University College of Physicians and Surgeons
NYP

Beth A. Schrope, MD, PhD, FACS
Associate Professor of Surgery at CUMC
Columbia University College of Physicians and Surgeons
Director, Pancreatic Cyst Surveillance Program
Pancreas Center
Director, Autologous Islet Cell Transplantation Program
NYP/Columbia

Craig R. Smith, MD, FACS
Johnson & Johnson Distinguished Professor in the Department of Surgery
Valentine Mott Professor of Surgery
Columbia University College of Physicians and Surgeons
Chair, Department of Surgery
Surgeon-in-Chief
NYP/Columbia

Nicole Suciu-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
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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:
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

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

Address

City         State        Zip

Daytime Phone       Daytime Fax

E-mail (required for confirmation purposes)

Specialty

Special Needs (specify accommodations needed)

Attendee Signature       Date

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.
Transplantation, Surgical Education and Immunology

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

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9:00AM – 5:30PM
Vivian and Seymour Milstein Family Heart Center
New York, New York

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

Register online:
www.ColumbiaSurgeryCME.org