

COLUMBIA UNIVERSITY

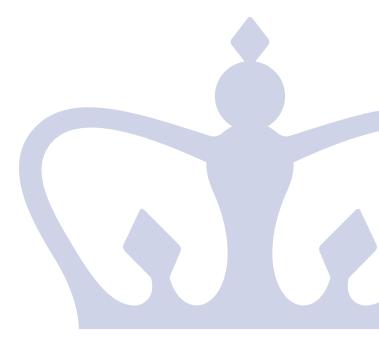
College of Physicians and Surgeons



15th Annual Conference

Frontiers in Diabetes Research Emerging Insights into the Pathogenesis and Treatment of "Diabesity"

Saturday, November 16, 2013



Course Directors

- **Domenico Accili, M.D.,** Russell Berrie Foundation Professor of Diabetes; Professor of Medicine; Director, Diabetes and Endocrinology Research Center, Columbia University College of Physicians & Surgeons, New York, New York
- **Robin S. Goland, M.D.,** *J. Merrill Eastman Professor of Clinical Diabetes; Co-Director,* Naomi Berrie Diabetes Center, Columbia University College of Physicians & Surgeons, New York, New York
- Rudolph L. Leibel, M.D., Professor of Pediatrics and Medicine; Christopher J. Murphy Memorial Professor of Diabetes Research; Head, Division of Molecular Genetics; Co-Director, Naomi Berrie Diabetes Center, Columbia University College of Physicians & Surgeons, New York, New York

Faculty

- **Louis J. Aronne, M.D.,** *Clinical Professor of Medicine,* Weill Cornell Medical College, New York, New York
- **Richard D. DiMarchi, Ph.D.,** Standiford H. Cox Distinguished Professor of Chemistry; Linda and Jack Gill Chair in Biomedical Sciences, Indiana University, Bloomington, Indiana
- **Peter K. Jackson, Ph.D.,** *Professor,* Department of Microbiology and Immunology, Stanford University School of Medicine, Stanford, California
- **Lee M. Kaplan, M.D., Ph.D.,** *Director,* Obesity, Metabolism and Nutrition Institute, Harvard Medical School, Massachusetts General Hospital, Boston, Massachusetts
- Michael Rosenbaum, M.D., Professor, Clinical Pediatrics and Clinical Medicine; Associate Director, Clinical Research Resource/CTSA, Columbia University College of Physicians & Surgeons, New York, New York
- **Philipp E. Scherer, Ph.D.,** *Professor,* Department of Internal Medicine; *Gifford O. Touchstone Jr. and Randolph G. Touchstone Distinguished Chair in Diabetes Research,* The University of Texas Southwestern Medical Center, Dallas, Texas
- **Simeon Taylor, M.D., Ph.D.,** *Vice-President,* Research and Scientific Affairs, Bristol-Myers Squibb, North Bethesda, Maryland
- **Joshua Thaler, M.D., Ph.D.,** Assistant Professor of Medicine, University of Washington, Seattle, Washington



8:00 a.m.	Registration; Continental Breakfast		
8:45 a.m.	Welcome & Introduction Robin S. Goland, M.D. & Rudolph L. Leibel, M.D.		
9:00 a.m.	Physiology of the Weight-reduced State Michael Rosenbaum , M.D.		
9:30 a.m.	Hypothalamic Gliosis and Inflammation in the Pathogenesis of Diet-Induced Obesity Joshua Thaler, M.D., Ph.D.		
10:00 a.m.	Panel Discussion		
10:15 a.m.	Refreshment Break		
10:35 a.m.	Primary Cilia in Obesity Peter K. Jackson, Ph.D.		
11:05 a.m.	Diabetes, Obesity and the Central Role of the Adipocyte in Maintaining Systemic Homeostasis Philipp E. Scherer, Ph.D.		
11:35 a.m.	Panel Discussion		
12:00 p.m.	Lunch		
1:15 p.m.	Diabesity: Lessons from Bariatric Surgery Lee M. Kaplan, M.D., Ph.D.		
1:45 p.m.	Chemical Biotechnology Applied to Insulin in Pursuit of Enhanced Therapeutic Index Richard D. DiMarchi, Ph.D.		
2:15 p.m.	Panel Discussion		
2:30 p.m.	Refreshment Break		
2:50 p.m.	Glucosuria: A Clinical Sign of Disease or a Novel Mechanism to Treat Type 2 Diabetes Simeon Taylor, M.D., Ph.D.		
3:20 p.m.	Current Pharmacological Strategies for the Treatment of Obesity Louis J. Aronne, M.D.		
3:50 p.m.	Panel Discussion		
4:05 p.m.	General Discussion Domenico Accili, M.D.		
4:25 p.m.	Adjourn		

Program Description & Objectives

This one-day program at the Naomi Berrie Diabetes Center at Columbia University is designed for research scientists, clinicians and students and with an interest in the molecular physiology of obesity, its relationship to diabetes and the implications of this physiology for intervention and prevention. As in the past, emphasis will be on the presentation of new and unpublished data and on vigorous interactions between the audience and speakers.

At the conclusion of this activity, participants will be better able to:

- Articulate the systemic and neurobiological consequences of weight reduction
- Identify the novel mechanisms by which body weight is regulated
- Apply newer medications for the treatment of obesity and diabetes
- Describe the physiological bases for the metabolic and behavioral effects of bariatric surgery

The Naomi Berrie Diabetes Center

The Naomi Berrie Diabetes Center, combining premier family-centered patient care and education for children and adults with world-class research, opened in October 1998. The Center offers coordinated, multidisciplinary clinical care adults and children with diabetes. Educational, nutritional and psychosocial counseling help the patient and family to cope effectively with diabetes. Basic and clinical research programs at the Berrie Center focus on the biologic bases for diabetes and obesity. The Naomi Berrie Diabetes Center's commitment to patient care, research and education reflects its mission to improve the lives of people with diabetes and its dedication to finding a cure. For additional information, call the Center at (212) 851-5492 or visit our web site:

www.nbdiabetes.org

Additional Information

Contact:

Center for Continuing Medical Education Columbia University College of Physicians & Surgeons

630 West 168th Street, Unit 39

New York, NY 10032 Telephone: (212) 305-3334 Fax: (212) 305-5740

e-mail: cme@columbia.edu http://ColumbiaCME.org

Meeting Location

Russ Berrie Medical Science Pavilion Columbia University Medical Center 1150 St. Nicholas Avenue 1st Floor Conference Room New York, New York 10032

Complimentary parking will be available in the Russ Berrie Pavilion parking lot located at the rear of the building.

Accreditation Statement

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 $5.5\,$ AMA PRA Category 1 Credits $^{\rm TM}$. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Registration Form

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For security purposes, credit card payments cannot be accepted by mail or fax. Please visit www.columbiacme.org to register and pay by credit card. American Express, Discover, MasterCard and Visa only.

Tuition

Physicians & Research Scientists: \$150; Other Health Professionals: \$90; Residents & Fellows in training (with a letter from program director certifying status): \$50; Students (not affiliated with Columbia University): \$50; CUMC Faculty, Students & Staff (with valid I.D.): Free. The fee includes the academic presentations, continental breakfast, lunch, and refreshments. Confirmation of registration will be sent upon receipt of the registration form. Refund of registration fee, less a \$15 administrative charge, will be made if written notice of cancellation is received by November 6, 2013. No refunds can be made thereafter.

Registration

Space is Limited. Early Registration is Encouraged.

By Mail:

Complete the registration form and mail with full payment to:
Columbia University
College of Physicians & Surgeons
Center for Continuing Medical Education
630 West 168th Street, Unit 39
New York, NY 10032

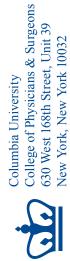
On-Line:

http://columbiacme.org

Telephone registrations and/or cancellations are not accepted.

Americans with Disabilities Act

The Columbia University College of Physicians and Surgeons fully complies with the legal requirements of the ADA and the rules and regulations thereof. Any participant with special needs must submit a written request to our office at least one month prior to the course date.



Emerging Insights into the Pathogenesis Frontiers in Diabetes Research and Treatment of "Diabesity",

Saturday, November 16, 2013

presented by the Naomi Berrie Diabetes Center Columbia University College of Physicians & Surgeons