

OBESITY & METABOLISM:

An Emerging Frontier in Health and Disease

Bringing experts in the emerging field of obesity and lung disease together with researchers in obesity, nutrition, food science and other related disciplines focused on human health, our purpose is to develop collaborations, foster research initiatives, guide clinical care, and extend knowledge related to the impacts of obesity.

The focused presentations by leaders in the field of obesity, metabolism, and lung disease, followed by discussions and poster sessions with senior and junior investigators will conclude with a published meeting report to review the current state of knowledge pertaining to the effects of obesity on lung disease. Our ultimate goal is to identify research priorities to guide patient care in the 21st Century

REGISTRATION INFORMATION:

Registration Fee:
Attendee: \$150.00
Trainee: \$75.00

To register or request more information,
please visit our website:

www.uvm.edu/~vlcdata/Obesity/

SPONSORED BY:

- ❖ UVM College of Medicine, and the Departments of Medicine & Surgery
- ❖ Vermont Lung Center
- ❖ Vermont Immunobiology & Infectious Disease Program
- ❖ Astra Zeneca
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PULMONARY & CRITICAL CARE MEDICINE

Phone: 802-656-2292

UVM Davis Center
500 Main Street
Burlington VT 05405



Obesity & Metabolism: An Emerging Frontier in Health and Disease

September 30 – October 2, 2013

University of Vermont
Davis Center, Silver Maple Ballroom
Burlington, Vermont

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AN EMERGING FRONTIER IN
HEALTH & DISEASE

SPEAKERS INCLUDE:

Melinda A. Beck, PhD – UNC - Chapel Hill
The Influence of Obesity on the Response to Influenza Infection and Vaccination

Steven J. Bensinger, VMD, PhD – UCLA
Metabolic Pathways in T Cell Fate and Function

Hap Farber, MD – Boston University
Obesity and Pulmonary Hypertension

Michael B. Fessler, MD – NIEHS
Cholesterol, Lipid Rafts, and Alteration of Immune Function

Alyssa H. Hastay, PhD – Vanderbilt University
Obesity, Inflammation, and Macrophages

Anna R. Hemnes, MD – Vanderbilt University
Metabolic & Hormonal Derangements in the Development of Pulmonary Hypertension

Jessica A. Lasky-Su, Sc.D. – Channing Laboratory, Harvard University
Genomic Interaction between Obesity and Asthma

Njira L. Lugogo, MD – Duke University
Macrophage Dysfunction in Obesity and Asthma

Peter Mancuso, PhD – University of Michigan
Bacterial Pneumonia in Obesity

Benjamin D. Medoff, MD – Harvard University
Adiponectin in the Development of Pulmonary Hypertension in Obesity

Gokhan M. Mutlu, MD – Northwestern Univ.
Leptin in the Pathogenesis of Fibroproliferative ARDS

Christopher P. O'Donnell, PhD – University of Pittsburgh
Leptin Signaling and Cardiac Effects of Intermittent Hypoxia and Ischemia

Vsevolod Polotsky, MD, PhD – Johns Hopkins
Hypoxia and the Metabolic Syndrome

Stephanie A. Shore, PhD – Harvard School of Public Health

Obesity and Asthma: Lessons from Animal Models

Ross Summer, MD – Thomas Jefferson Univ.
Metabolic Dysregulation in Fibrotic Lung Disease

E. Rand Sutherland, MD, MPH – National Jewish Health
Mechanisms of Steroid Resistance in Obesity and Asthma

Homer L. Twigg III, MD – Indiana University
The Microbiome in Lung Disease

Lisa Wood, PhD – University of Newcastle, Australia
High Fat Diet in the Pathogenesis of Airway Disease

G. Scott Worthen, MD – University of Pennsylvania
Gut Microbiome and Innate Immune Response in Obesity

Laurent Yvan-Charvet, PhD – C3M-Archet Hospital, France
Cholesterol Efflux and Immune Cell Development and Release



Burlington Waterfront

PROGRAM ORGANIZERS:

Anne E. Dixon, MD - UVM

Benjamin T. Suratt, MD - UVM

Stephanie Shore, PhD - Harvard

Njira L. Lugogo, MD - Duke University



Vermont in the fall

What could be lovelier? The newly built Davis Center on the University of Vermont campus overlooks Burlington and the shores of Lake Champlain, the sixth largest freshwater lake in the U.S. The area offers great shopping and excellent restaurants. ECHO at the Leahy Center has fun learning activities on the ecology, history and culture of Lake Champlain. Historic Shelburne Farms and the Shelburne Museum, an eclectic collection of Americana, are a 30-minute drive. Within an hour's drive are the Ben & Jerry's Ice Cream Factory, UVM Morgan Horse Farm, and the world's largest granite quarry.

Accommodations

A block of rooms is reserved at the Sheraton Hotel & Conference Center, a AAA, 3-Diamond hotel with indoor pool, fitness center and superb continental cuisine. Please make your reservations directly with the hotel, 1-802-865-6600 (1-800-325-3535) or through our registration web page prior to Aug 29, 2013 to receive special rates (\$149.00 per day single to quad occupancy). Rooms cannot be guaranteed after August 29th.

Transportation

The Burlington International Airport is served by several major airlines. Auto rentals are available at the airport, but should be reserved in advance. Complimentary hotel shuttle service is available upon request.

Burlington is an easy 4-hour drive from Boston, just 1.5 hours from Montreal, and 7 hours from New York City. The Sheraton/Burlington exit is 14-W on Interstate 89.