

OBESITY & METABOLISM:

An Emerging Frontier in Lung Health and Disease

The purpose of this meeting is to bring together experts in obesity, metabolism, and lung disease to develop collaborations, foster research initiatives, guide clinical care, and extend knowledge related to the impacts of obesity and metabolism on lung health.

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.

PROGRAM ORGANIZERS:

Anne E. Dixon, MA, BM, BCh - UVM

Benjamin T. Suratt, MD - UVM

Stephanie Shore, PhD - Harvard

Ross Summer, MD - T. Jefferson University

SUPPORTED BY:

The Vermont Lung Center,
UVM College of Medicine, and
Unrestricted Educational Grants from:

Actelion
Gilead

Astra-Zeneca
NIH

REGISTRATION INFORMATION:

Registration Fee:

Attendee: \$175.00

Trainee: \$80.00

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

www.uvm.edu/medicine/cme/?Page=obesity.html

The University of Vermont College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

UVM designates this live activity for a maximum of 16.25 AMA PRA Category 1 Credits. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This meeting is endorsed by the
American Thoracic Society



PULMONARY & CRITICAL CARE MEDICINE

Phone: 802-656-2292

UVM Davis Center
500 Main Street
Burlington VT 05405



Obesity & Metabolism: An Emerging Frontier in Lung Health and Disease

October 5 – October 7, 2015

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

OBESITY & METABOLISM

AN EMERGING FRONTIER IN
LUNG HEALTH & DISEASE

SPEAKERS INCLUDE:

Janice B. Allen, PhD - NIEHS - *The emerging role of environmental exposures in the obesity/asthma axis*

Jason Bates, PhD - UVM - *The mechanical consequences of obesity on airway responsiveness*

Stephen Black, PhD - University of Arizona - *Role of the mitochondrion in pulmonary vascular disease*

Konstantin G. Birukov, MD, PhD - University of Chicago - *Oxidized phospholipids in lung injury and inflammation: friend or foe?*

Augustine Choi, MD - Weill Cornell Medical College - *Mitochondrial dysfunction: Regulator of inflammation and cell death in lung disease*

Anne Dixon, MA, BM, BCh - UVM
Phenotypes of asthma in obesity

Michael B. Fessler, MD - National Institute of Environmental Health Sciences - *A novel role for oxysterol in resolution of lung inflammation and critical illness*

Fernando Holguin, MD, MPH - U Pittsburgh
Obesity, metabolic dysregulation, and airway oxidative stress

Manu Jain, MD - Northwestern University
Feinberg School of Medicine
Mitochondrial reactive oxygen species regulate TGF- β signaling

Benjamin Marsland, PhD - University of Lausanne - *Implication of host-microbe interactions in development of respiratory diseases*

Meredith McCormack, MD, MHS - Johns Hopkins Univ - *Obesity, diet and airway disease*

Evangelos Michelakis, MD - University of Alberta - *Metabolic theory of pulmonary hypertension*

Yury Miller, MD, PhD - University of California, San Diego - *Targeted cholesterol efflux and inflammation*

Ana Mora, MD - University of Pittsburgh
Dysfunctional mitochondria in lung fibrosis

Viswanathan Natarajan, PhD - Univ of IL at Chicago - *Lysocardiolipin acyltransferase, a mitochondrial cardiolipin remodeling enzyme, in the pathogenesis of pulmonary fibrosis*

Irina Petrache, MD - National Jewish Health - *Metabolic derangements in COPD*

Deepa Rastogi, MD - Albert Einstein College of Medicine - *Metabolic dysregulation and pediatric obesity-related asthma*

Kelan Tantisira, MD, MPH - Channing Lab, Harvard Medical School - *Circulating miRNA in asthma and obesity*

Stephanie A. Shore, PhD - Harvard School of Public Health - *Obesity and asthma: microbiome-metabolome interactions*

Ross Summer, MD - Thomas Jefferson University - *Dysregulated lipid synthesis promotes fibrotic responses in the lung*

Benjamin T. Suratt, MD - UVM
Hypercholesterolemia and the 'priming' of the lung for disease



Burlington Waterfront



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, an 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 Sept 14, 2015 to receive special rates (\$169.00 per day single to quad occupancy). Rooms cannot be guaranteed after September 14th.

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.