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.

REGISTRATION INFORMATION:
Registration Fee:
Attendee: $175.00
Trainee: $80.00

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

www.uvm.edu/~vledata/Obesity/

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OBESITY & METABOLISM
AN EMERGING FRONTIER IN LUNG HEALTH & DISEASE

SPEAKERS INCLUDE:

Stephen Black, PhD - GA Regent’s University
Metabolic switch in pulmonary hypertension

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
Autophagy, mitophagy and COPD

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

Michael B. Fessler, MD - National Institute of Environmental Health Sciences
A Role for Oxysterol Metabolism in the Resolution of Lung Inflammation

Fernando Holguin, MD, MPH - U Pittsburgh
Oxidative stress in the airway in asthma

Manu Jain, MD - Northwestern University Feinberg School of Medicine
Mitochondrial ROS and lung fibrosis

Benjamin Marsland, PhD - University of Lausanne
Host microorganism interactions in lung disease

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

Evangelos Michelakis, MD – University of Alberta
The interface between metabolism and the pulmonary vasculature

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 - University of Illinois at Chicago
Mitochondrial cardiolipin in lung homeostasis and remodeling

Irina Petrache, MD - National Jewish Medical Center
The involvement of sphingolipids in chronic obstructive pulmonary diseases

Deepa Rastoogi, MD - Albert Einstein College of Medicine
Pulmonary function and metabolic abnormalities

Kelan Tantisera, 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

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.