

Obesity: A Modifier of Immunity and Inflammation in the Lung

LOCATION: TRAPP FAMILY LODGE



OCTOBER 21, 2011
STOWE, VT



The world's population is experiencing an unprecedented epidemic of obesity. Type 2 diabetes and hypertension – diseases typically seen in the elderly - are now common in childhood. Once considered only a mechanical factor that could alter pulmonary physiology, it is now apparent that obesity can lead to profound changes in immunity and inflammation, having direct effects on a wide range of pulmonary diseases, including asthma, COPD, pneumonia and acute lung injury.

We have invited leading obesity and lung disease researchers from across the United States and the Netherlands to attend a meeting with the purpose of reviewing the current state of knowledge pertaining to the effects of obesity on immunity and inflammation in the lung. The ultimate goal is to identify priorities for new research in this field. In addition to having access to leading researchers and cutting-edge talks, attendees will get to experience the spectacular fall foliage of Vermont at a top notch resort.

Program Organizers: Benjamin Suratt, MD, Anne Dixon, BM, BCh, and Lennart K.A. Lundblad, PhD, - University of Vermont

Preliminary Agenda: The presentation schedule & titles are tentative and subject to change in the final program.

Friday, October 21, 2011

7:30 – 8:30 am **Registration & Breakfast**

8:30 – 8:45 am **Welcome & Opening Remarks**

8:45 – 9:25 am

The Effect of Obesity on Neutrophil Biology in the Lung

Benjamin Suratt, MD – University of Vermont

9:25 – 10:00 am

Obesity and Respiratory Infections: Does Adiposity Weigh Down Host Defense?

Peter Mancuso, PhD - University of Michigan

10:00 – 10:20 am **POSTER SESSION/BREAK**

10:20 – 11:00 am

Fat, Fire and Muscle - The Role of Adiponectin in Lung Inflammation and Remodeling

Benjamin Medoff, MD - Massachusetts General Hospital

11:00 – 11:40 am

Adiponectin in the Development of Acute Lung Injury

Ross Summer, MD - Boston University

11:40 – 12:20 pm

Effects of Cholesterol on Pulmonary Inflammation and Host Defense

Michael Fessler, MD – NIEHS/NIH

12:20 – 1:15 pm **LUNCH**

1:20 – 2:00 pm

Obesity is a Determinant of Asthma Control, Independent of Inflammation and Lung Mechanics

Cheryl Salome, PhD – Woolcock Institute of Medical Research, University of Sydney

2:00 – 2:40 pm

Obesity and Asthma: Lessons from Animal Models

Stephanie Shore, PhD - Harvard School of Public Health

2:40 – 3:20 pm

Effect of Weight Loss on Airway Physiology and Asthmatic Inflammation

Anne Dixon, BM, BCh - University of Vermont

3:20 – 3:40 pm **POSTER SESSION/AFTERNOON TEA**

3:40 – 4:20 pm

Is Aerobic Metabolic Capacity a Determinant of Susceptibility to COPD?

Christopher Stevenson, PhD - Hoffman La-Roche

4:20 – 5:00 pm

Leptin and Smoking-Related Lung Disease

Juanita Vernooy, PhD - Maastricht University

5:00 – 5:15 pm **Closing Remarks**

SYMPOSIUM INFORMATION:

Contact: lisa.antolick@crl.com or 1.781.222.6111

Register Online At: www.criver.com/info/PRGoct11

LOCATION:

Trapp Family Lodge, 700 Trapp Hill Road Stowe, VT 05672

Reservations: 800.826.7000 Phone: 802.253.8511

Online: reservation@trappfamily.com

Special Rate: \$198.00 until August 21, 2011

Group Code #50C4A3