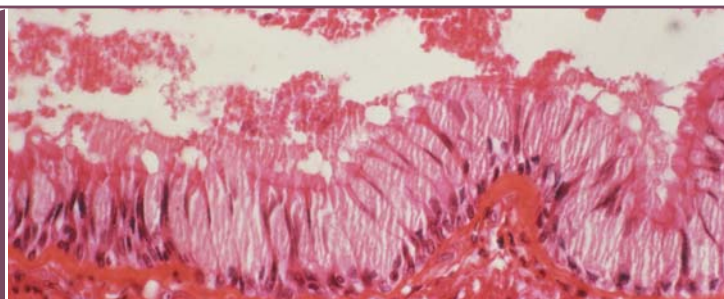


FALL 2009 PULMONARY RESEARCH GROUP SYMPOSIUM

The Role of Ceramide, Sphingomyelinases and Sphingosine 1 Phosphate Signaling in Pulmonary Diseases

HOSTED BY CHARLES RIVER



OCTOBER 30, 2009  
SHREWSBURY, MA



7:30 am – 8:30 am

Registration & Continental Breakfast

8:30 am – 8:45 am

Welcome & Opening Remarks

*Jonathan Phillips, PhD – Vice President Pulmonary Research Group*

**Session 1: Ceramide, Sphingomyelinases and Newer Lipid Messenger Systems Related to Inflammatory Pulmonary Diseases**

**Session Chair: Lawrence deGaravilla, PhD – Johnson & Johnson Pharmaceutical Research and Development**

8:45 am – 9:30 am

**Signal Transduction through Lipid Messengers: Classical Diacylglycerol Pathway vs the Newer Ceramide Sphingomyelin Pathway**

*Richard Kolesnick, MD - Memorial Sloan-Kettering Cancer Center*

9:30 am – 10:15 am

**Injurious Effects of Ceramide Elevations in Models of COPD**

*Irina Petrache, MD - Indiana University School of Medicine*

10:15 am – 10:35 am

BREAK

10:35 am – 11:20 am

**Acid-sphingomyelinase in the Treatment Cystic Fibrosis: Preclinical and Clinical Experiences**

*Erich Gulbins, MD, PhD - University of Duisburg-Essen*

11:20 am – 12:05 pm

**Ceramide Synthesis is Modulated by the Sphingosine Analog FTY720**

*Robert Bittman, PhD - Queens College of NY*

12:05 pm – 1:05 pm

LUNCH

**Session 2: Contribution of S1P and its Receptors to the Pathogenesis of Lung Disease**

**Session Chair: Carolyn Cuff, PhD and Lisa Olson, PhD - Abbott Laboratories**

1:05 pm – 1:50 pm

**S1P Receptors in Inflammatory Lung Injury**

*Steven Dudek, MD - University of Chicago*

1:50 pm – 2:35 pm

**Introduction to S1P Receptor Biology**

*Bob Stoffel, PhD - Abbott Laboratories*

2:35 pm – 2:50 pm

BREAK

2:50 pm – 3:50 pm

**FTY720 and C1P Inhibits Asthmatic Airway Inflammation via Modulating of DC Function**

*Marco Idzko, MD - Institution, University Hospital Freiburg Germany*

4:00 pm – 4:10 pm

**Closing Remarks**

*Richard Kolesnick, MD*

4:10 pm – 5:30 pm

**Wine & Cheese Reception**