



University of Maryland Baltimore

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Department of Medicine

Division of Pulmonary and  
Critical Care Medicine

[http://medschool.umaryland.edu/  
medicine/div\\_pulmonary.asp](http://medschool.umaryland.edu/medicine/div_pulmonary.asp)

Mucosal Biology  
Research Center (MBRC)

[http://medschool.umaryland.edu/  
mbr/](http://medschool.umaryland.edu/mbr/)

## GENERAL INFORMATION

**Date:** April 27, 2009 7:30 AM - 5:30 PM

**Location:** HSF II Auditorium at the  
University of Maryland Baltimore

Health Sciences Facility II is  
building 39 on Campus Map  
<http://www.umaryland.edu/map/>

**Directions:** details available on  
[http://www.umaryland.edu/  
map/directionstocampus.html](http://www.umaryland.edu/map/directionstocampus.html)

**Parking:** UMB campus Grand Garage

Grand Garage is building 23  
on Campus Map  
<http://www.umaryland.edu/map/>

**Website:**  
<http://www.biobitfield.com/hlc2009/>

**Registration** is free but required to  
ensure a seat. Register on  
[http://www.biobitfield.com/  
hlc2009/register.shtml](http://www.biobitfield.com/hlc2009/register.shtml)

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**We gratefully acknowledge  
Hemagen Diagnostics,  
Columbia, MD  
for their generous support of  
the Hales Lung  
Conference**

# 2009 Hales Lung Conference

## Clinical and Pathophysiologic Aspects of Diffuse Parenchymal Lung Disease

April 27, 2009

University of Maryland  
School of Medicine

Health Sciences Facility II  
Conference Room

### 2009 Hales Lung Conference Speakers

- Mary Armanios, MD, Assistant Professor of Oncology at the Johns Hopkins University, is interested in the biology and genetics of age-related disease, including syndromes of telomere shortening.
- Sergei Atamas, MD, PhD, Associate Professor of Medicine and Microbiology & Immunology at UMB, studies roles of immune and inflammatory mechanisms in connective tissue disorders.
- Timothy Blackwell, MD, Professor of Medicine, Cancer Biology, and Cell & Developmental Biology at Vanderbilt University, investigates lung inflammation/injury, remodeling, fibrosis, and development of lung cancer.
- Teri J. Franks, MD, Chair, Department of Pulmonary and Mediastinal Pathology, Armed Forces Institute of Pathology, is interested in non-neoplastic lung disease, smoking-related lung injury and the radiologic-pathologic correlation of pulmonary and mediastinal lesions.
- Jeffrey R. Galvin, MD, Professor of Diagnostic Radiology & Nuclear Medicine, and Pulmonary & Critical Medicine at UMB. His clinical and research interests include chest and cardiovascular imaging and medical informatics.
- Jeffrey Hasday, MD, Professor of Medicine, Biochemistry & Molecular Biology, and Pathology at UMB, studies mechanisms of acute lung injury, sepsis, and interstitial lung diseases, and immunomodulatory effects of heat shock and physiologically relevant changes in temperature.
- Cory Hogaboam, PhD, Professor of Pathology at the University of Michigan, investigates cellular and molecular immune mechanisms of idiopathic interstitial pneumonias.
- Sem Phan, MD, PhD, Professor of Pathology at the University of Michigan, is interested in understanding the cellular and molecular mechanisms of tissue repair and fibrosis.
- Richard Phipps, PhD, Professor of Environmental Medicine, Microbiology &

Immunology, Oncology, and Pediatrics at the University of Rochester, studies biology of fibroblasts as mediators of lung inflammation, wound healing and fibrosis.

- Patricia Sime, MD, Associate Professor of Medicine and Environmental Medicine at the University of Rochester, investigates mechanisms of inflammatory and fibrotic diseases in the lung.
- Rose Viscardi, MD, Professor of Pediatrics at UMB, studies molecular and cellular mechanisms of lung maturation and bronchopulmonary dysplasia.

### Agenda

<b>7:45 AM</b>	0:45	<b>Breakfast</b>	
8:30 AM	0:05	Jeffrey Hasday	Welcome
8:35 AM	0:10	Sergei Atamas	Introduction to DPLD
8:45 AM	0:40	Richard Phipps	Lung Fibrosis: Impact of Fibroblast Diversity and Differentiation
9:25 AM	0:10	Questions	
9:35 AM	0:40	Mary Armanios	Telomerase and idiopathic pulmonary fibrosis
10:15 AM	0:05	Questions	
10:20 AM	0:40	Sem Phan	Induction of telomerase in pulmonary fibrosis
11:00 AM	0:05	Questions	
11:05 AM	0:10	Discussion of Telomerase in Pulmonary Fibrosis	
11:15 AM	0:40	Cory Hogaboam	On the clinical progression of IPF: can we blame the innate immune system ?
11:55 AM	0:10	Questions	

<b>12:05 PM</b>	0:55	<b>Lunch</b>	
1:00 PM	0:40	Sergei Atamas	Integrin-mediated profibrotic effect of T lymphocytes
1:40 PM	0:10	Questions	
1:50 PM	0:40	Patricia Sime	Stamping out the fires of lung inflammation: A role for the aryl hydrocarbon receptor
2:30 PM	0:10	Questions	
2:40 PM	0:40	Rose Viscardi	Ureaplasma Intrauterine Infection: Evidence for Role in Pathogenesis of Bronchopulmonary Dysplasia in Preterm Infants
3:20 PM	0:10	Questions	
3:30 PM	0:40	Timothy Blackwell	Impact of ER Stress and Apoptosis of Epithelial Cells on Pulmonary Fibrosis
4:10 PM	0:10	Questions	
4:20 PM	0:40	Teri Franks and Jeffrey Galvin	Radiologic-Pathologic Correlation of Chronic Infiltrative Lung Disease: The AFIP Experience
5:00 PM	0:10	Questions	
5:10 PM	0:20	Jeffrey Hasday	Summary of the Meeting - Concluding remarks
<b>5:30 PM</b>		<b>Meeting adjourns</b>	