

Immunity and the Pathogenesis of Pulmonary Arterial Hypertension

November 6, 2015 Schedule

8:00am-8:15am

Check in/Breakfast/Coffee

8:15am

Welcome

Mark Krasnow, MD, PhD *Stanford University*

8:30am-8:50am

Introduction to pulmonary arterial hypertension (PAH):
a clinical perspective

Kristina Kudelko, MD *Stanford University*

8:50am-9:10am

Introduction to immunity and immune dysfunction:
what are the key players?

Mark Nicolls, MD *Stanford University*

9:10am-9:40am: **KEYNOTE TALK**

A brief history of immunity and PAH

Marc Humbert, MD, PhD *Université Paris-Sud*

9:40am-10:00am

Pulmonary hypertension, inflammation, and immune response:
the long way from thought to action

Norbert Voelkel, MD *Virginia Commonwealth University*

10:00am-10:20am: **BREAK**

10:20am-10:40am

Interface of TH2 inflammation and TGF-beta signaling
in pulmonary hypertension

Rubin Tuder, MD *University of Colorado Denver*

10:40am-11:00am

CtBP1, a transcriptional co-repressor,
links changes in cell metabolism to inflammation
in chronic pulmonary hypertension

Kurt Stenmark, MD *University of Colorado Denver*

11:00am-11:20am

Examination of cardiopulmonary function
in mouse models of natural killer cell deficiency

Mark Ormiston, PhD *Queen's University*

11:20am-11:40am

Sequencing antibody repertoires to decipher
pathogenic mechanisms in PAH

William Robinson, MD *Stanford University*

11:40 am-12:10pm: **CLINICAL ROUND TABLE**

Is there a causative link between immunity and PAH?

Mark Nicolls, MD *Stanford University*

Virginia Steen, MD *Georgetown University*

Steve Abman, MD *University of Colorado Denver*

Edda Spiekerkoetter, MD *Stanford University*

PJ Utz, MD *Stanford University*

12:10pm-1:10pm

Lunch

1:10pm-1:40pm: **KEYNOTE TALK**

Immunology taught by humans

Mark Davis, PhD *Stanford University*

1:40pm-2:00pm

Novel insights into lung autoimmunity
through research in rare Mendelian diseases

Anthony Shum, MD *University of California San Francisco*

2:00pm-2:20pm

Regulation of pulmonary macrophage function
in health and disease

Bruce Trapnell, MD *University of Cincinnati*

2:20pm-2:40pm

A proteomic approach to altered innate
and adaptive immunity in the pathogenesis of PAH

Marlene Rabinovitch, MD *Stanford University*

2:40pm-3:00pm

Autoantibodies in Systemic Sclerosis-Associated
Pulmonary Hypertension

Thomas Medsger, MD *University of Pittsburgh*

3:00pm-3:20pm: **BREAK**

3:20pm-3:40pm

Role of T-Regulatory cells in immune modulation

Maria Grazia Roncarolo, MD *Stanford University*

3:40pm-4:00pm

Immunosuppression in the treatment of CTD-PAH

Lorinda Chung, MD *Stanford University*

4:00pm-4:30pm: **CLINICAL ROUND TABLE**

Immunity and PAH: implications for clinical practice

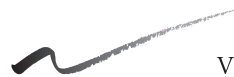
Paul Hassoun, MD *Johns Hopkins Medicine*

Roham Zamanian, MD *Stanford University*

Lorinda Chung, MD *Stanford University*

Marc Humbert, MD, PhD *Université Paris-Sud*

4:30-5:15 Reception



VERA MOULTON WALL CENTER
FOR PULMONARY VASCULAR DISEASE AT STANFORD