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

11:40am-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 Spiekeroetter, 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

4:30pm-5:15pm Reception