

**UCSF'S 18TH INTERNATIONAL CONFERENCE
NEONATAL & CHILDHOOD PULMONARY VASCULAR DISEASE
Hilton San Francisco - Financial District
GENERAL SESSION - AGENDA
Friday, March 28 & Saturday, March 29, 2025
Grand Ballroom (Third Floor)**

FRIDAY, MARCH 28, 2025

7:00 am *Registration and Continental Breakfast*

7:45 **Welcome and Opening Remarks**

SESSION 1: NEONATAL PULMONARY VASCULAR DISEASE

MODERATORS: Drs. Roberta Keller and Bernard Thébaud

8:00-8:30 **A perspective on neonatology-led and multidisciplinary teams in the management of pulmonary hypertension in the NICU**

8:30-9:00 **Presentation and evaluation of early-onset ILD**

9:00-9:30 **iPSC-derived lung vascular endothelial cells and the influence of preeclamptic placental signaling on the pulmonary endothelium**

9:30-10:15 **Owen McKinnon Lecture Presented by Dr. John Kinsella
ACD/MPV/TBX4 pulmonary vascular formation and PAH**

10:15-10:30 *Break*

10:30-11:15 **AI In Pulmonary Hypertension**

11:20 **Introduction: The Robyn Barst Keynote Lecture**

11:30 **KEYNOTE SPEAKER: The Robyn Barst Keynote Lecture
My Journey in Academic Pulmonary Hypertension**

12:30 pm **LUNCH ON OWN**

SESSION 2: Uncommon Pediatric PH Challenges

MODERATORS: TBD

2:00-2:30 **Complex congenital heart disease: TGA**

2:30-3:00 **Immunologic disorders and PH**

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| 3:00-3:30 | Sickle Cell Disease: An Update |
| 3:30-3:45 | <i>Break</i> |
| 3:45-4:15 | New Drug Pediatric/Adult Experience: Sotatercept |
| 4:15-4:45 | Update from the World Symposium |
| 4:45-5:15 | Group Discussion |
| 5:15-6:15 | PHuzzlers |
| 6:15 pm | <i>Adjourn</i> |

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SATURDAY, MARCH 29, 2025

6:30 am *Continental Breakfast*

7:00:am **Sunrise Discussions in the Grand Ballroom: Moderator: TBD**
Group A: Nuts and Bolts of PH Therapies
Group B: Difficult Case Discussions: Meet the Experts

SESSION 3: Imaging of the RV in PVD

MODERATORS: Drs. Hythem Nawaytou, Shahin Molidena, and Mark Friedberg

8:00-8:20 **Should TAPSE still be used as a key measure of RV function? The pros and cons.**

8:20-8:40 **RV diastolic dysfunction impacts outcomes, but can we really diagnose it without cath?**

8:40-9:00 **We don't routinely assess ventricular-arterial coupling in the left heart, so should we assess it on the right? And if so, how?**

9:00-9:20 **Hope or hype: Assessment of RV strain in PH.**

9:20-9:40 **Machine learning to predict RV function and outcomes in pediatric PH.**

9:40-10:00 **MRI for PH: Where we are and where we are going.**

10:05-10:30 Panel Discussion

10:30-10:45 *Break*

SESSION 4: SCIENTIFIC SESSION INCLUDING ABSTRACT POSTER SYMPOSIUM

(10:45 am – 11:45 pm General Session Room)

MODERATORS: Drs. Alvira and Raj

10:45-11:30 **Poster Viewing (Authors Present at Posters)**

11:30 **The Year in Review: Basic Science**

12:00 **The Year in Review: Clinical Science**

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- 12:30 **The Year in Review: Therapeutic Update**
- 1:00 pm **Platform Sessions: Brief Poster Oral Discussions**
- 1:00-1:15 **Scientific Presentation #1 – TBD**
- 1:15-1:30 **Scientific Presentation #2 – TBD**
- 1:30 pm *Lunch on Own***

SESSION 5: High Output Pulmonary Vascular Disease
MODERATOR: TBD

- 3:00-3:30pm **Vein of Galen Malformations: Hemodynamics**
- 3:30-4:00 **Vein of Galen: Interventions**
- 4:00-4:30 **Hepatopulmonary Syndrome**
- 4:30-5:00 **HHT - Edda or Murali Chakanela**
- 5:00-5:30 **Panel discussion and Q&A (TBD)**
- 5:30 pm *Closing Remarks and Adjourn*