

**10th International Conference  
Neonatal & Childhood Pulmonary Vascular Disease  
Friday, March 10 & Saturday, March 11, 2017  
Park Central Hotel, San Francisco, CA  
AGENDA**

**Friday, March 10, 2017 - Metropolitan Ballroom (2nd Floor)**

7:00 am	<i>Registration and Continental Breakfast</i>	
7:45	<b>Welcome and Opening Remarks</b>	Drs. Ian Adatia and Jeffrey Fineman
	<b><u>SESSION 1: Fetal and Neonatal Lung Growth</u></b>	
		Moderators: Drs. Roberta Keller and Bernard Thébaud
8:00	<b>Mesenchymal Stem Cells for Lung Growth and Repair</b>	Dr. Bernard Thébaud
8:30	<b>Fetal Tracheal Occlusion for CDH. Can We Help the Hypoplastic Lung?</b>	Dr. Hanmin Lee
9:00	<b>Advanced Imaging for Neonatal Lung Disease</b>	Dr. Uyen Truong
9:30	<b>Long Term Ventilation in Severe BPD</b>	Dr. Steven Abman
10:00 am	<i>Break</i>	
10:25	<b>Introduction: The Robyn Barst Keynote Lecture</b>	Drs. Ian Adatia and Jeffrey Fineman
10:30	<b>The Robyn Barst Keynote Lecture "The Last 25 Years Of Treatment For Idiopathic And Heritable PAH In Children In Japan: Reviewing The Past To Glimpse Into The Future."</b>	Dr. Ben T. Saji
	<b><u>SESSION 2: Screening and Early Diagnosis of PH</u></b>	
		Moderators: Drs. Rachel Hopper and Tilman Humpl
11:30	<b>The Use of EKG as a PH Screening Tool</b>	Dr. Yoshihide Mitani
11:50	<b>Epidemiology of at Risk Groups</b>	Dr. Rolf Berger
12:10	<b>Guidelines For PH Screening for Those at Risk</b>	Dr. Eric Austin
12:30 pm	<b>PRO/CON Debate: Aggressive vs. Progressive Therapeutic Approach <i>(Boxed Lunch provided)</i></b>	Dr. Damien Bonnet vs. Dr. Shahin Moledina
	<b><u>SESSION 3: Pulmonary Venous Disease: Part I</u></b>	
		Moderator: Dr Rachel Vanderlaan
2:00	<b>Pulmonary Veins: Development and Physiology</b>	Dr. Usha Raj
2:20	<b>PV Pathophysiology in Ex-preterm Infants</b>	Dr. María Jesús del Cerro Marín
2:40	<b>Lymphatic Pathophysiology in Ex-preterm Infants and CHD</b>	Dr. Sanjeev Datar
3:00	<b>Lymphatic Circulation: Imaging and Intervention</b>	Dr. Yoav Dori

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3:20 pm	<i>Break</i>	
	<b><u>SESSION 3: Pulmonary Venous Disease: Part II</u></b>	Moderator: Dr. Hythem Hawaytou
3:40	<b>Anomalous Pulmonary Veins and Post-Repair Stenosis</b>	Dr. Rachel Vanderlaan
4:00	<b>Surgical Interventions for PVS</b>	Dr. Christopher Caldarone
4:20	<b>Catheter Based Intervention for PVS</b>	Dr. Russel Hirsch
4:40	<b>Novel Medical Therapies for PVS</b>	Dr. Ronald Day
5:00	<b>Imaging Surveillance for Pulmonary Vein Stenosis</b>	Dr. Lars Grosse-Wortmann
5:20	<b>Panel Discussion</b>	Conference Faculty
6:00 pm	<i>Adjourn</i>	

**Saturday, March 11, 2017 - Metropolitan Ballroom (2nd Floor)**

7:30am	<i>Continental Breakfast</i>	
	<b><u>SESSION 4: Novel Drug Delivery for Lung Disorders</u></b>	Moderators: Drs. Jeffrey Feinstein and Usha Krishnan
8:00	<b>Relationships Between Inhaled Aerosol Deposition in the Lungs and Human Lung Physiology in Children and Adults</b>	Dr. Joseph Brain
8:20	<b>Novel Drug Delivery and Precision Pulmonary Medicine by Inhalation Therapy in Children and Adults with PH</b>	Dr. Heidi M. Mansour
8:40	<b>Nebulization Respiratory Therapy in Infants, the Critically Ill, and in the ICU</b>	Dr. Arzu Ari
9:00	<i>Break</i>	
	<b><u>SESSION 5: (2) CONCURRENT SESSIONS</u></b>	Conference Faculty
	<b><u>SESSION 5A: Scientific Session - Metropolitan Ballroom II &amp; III (2nd Floor) (including Abstract Poster Symposium)</u></b> . Abstracts will be published in Pulmonary Circulation.	Moderators: Drs. Stephen Archer and Robin Steinhorn
9:30	<b>Poster Viewing</b>	
10:00	<b>Platform Sessions: Recipients of the PHA Pediatric Research Awards</b>	Moderator: Dr. John Kinsella
	The Christen White Cranford Pediatric PH Research and Mentoring Grant: <b>"Therapeutic Target for Pulmonary Hypertension in Lung Endothelium"</b>	Dr. Meghan Bernier
	Cordelia's Pediatric PH Research and Mentoring Grant: <b>"Hypoxia-dependent Epigenetic Modifications in the Pulmonary Vasculature"</b>	Dr. Sheila Krishnan

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	The Robyn Barst Pediatric PH Research & Mentoring Grant: " <b>Comprehensive Analysis of Persistent Pulmonary Hypertension in Congenital Diaphragmatic Hernia</b> "	Dr. Rachel Hopper
10:40	<b>Brief Poster Oral Discussions</b> <i>or</i> <b><u>SESSION 5B: Special Issues Faced By Families Living with Pulmonary Hypertension - Metropolitan Ballroom I (2nd Floor)</u></b>	Conference Faculty  Moderators: Drs. Mary Mullen, Cathy Sheppard, NP and Jacqueline Szmuszkovicz
9:30	<b>Family Session</b>	
12:00pm	<b><u>LUNCH SESSION (Boxed Lunch provided)</u></b> <b><u>Option 1: Case Presentations</u></b> <i>or</i> <b><u>Option 2: Family Presentation</u></b> phaware Podcast App" & "Walk.Talk.Track. Pediatric PH Research app" - PHAWARE GLOBAL ASSOCIATION	Moderator: Dr. Brian Hanna  Steve Van Wormer and John Hess
	<b><u>SESSION 6: Pediatric PH Due to Lung Diseases and/or Hypoxia</u></b>	Moderators: Drs. Kurt Stenmark and Stephen Archer
1:15	<b>Hypoxic Pulmonary Vasoconstriction: Mechanistic Update</b>	Dr. Norbert Weissman
1:45	<b>The Role of HIF in Pulmonary Vascular Disorders</b>	Dr. David Cornfield
2:15	<b>Pulmonary Vascular Disease associated with Pediatric Lung Diseases</b>	Dr. Steve Abman
2:45	<b>Unique Effects of High Altitude in Pulmonary Hypertension (PH) due to Congenital Heart Disease (CHD)</b>	Dr. Alexandra Heath
3:05	<b>High Altitude and the Development of a Ductal Occlusion Device</b>	Dr. Franz Freudenthal
3:25pm	<i>Break</i> <b><u>SESSION 7: Therapy Update</u></b>	
4:00	<b>The Potts Shunt</b>	Drs. Rebecca Kameny and Mary Mullen
4:20	<b>NO-cGMP Agonists and Phosphodiesterase Inhibitors</b>	Dr. Damien Bonnet Dr. María Jesús del Cerro Marín
4:40	<b>Endothelin Receptor Antagonists</b>	Dr. Nidhy Varghese
5:00	<b>Prostanoids</b>	Dr. Stephanie Handler
5:20	<i>Closing Comments</i>	
5:30pm	<i>Adjourn</i>	