

**UCSF'S 15TH INTERNATIONAL CONFERENCE  
NEONATAL & CHILDHOOD PULMONARY VASCULAR DISEASE  
Hilton San Francisco - Financial District  
GENERAL SESSION - AGENDA  
Friday, February 25 & Saturday, February 26, 2022**

**FRIDAY, FEBRUARY 25th, 2022**

7:00 am      *Registration and Continental Breakfast*

7:45            **Welcome and Opening Remarks**

**SESSION 1: NEW MECHANISMS AND POTENTIAL THERAPIES FOR NEONATAL PULMONARY DISEASE**

MODERATORS: Drs. Roberta Keller and Satyan Lakshminrusimha

8:00            **1. Fetal Evaluation of the Pulmonary Vasculature in at Risk Populations**  
Dr. Shabnam Peyvandi

8:25            **2. Right Ventricular–Pulmonary Vascular Interactions in the Neonate and Infant:  
Role of Standard and Novel Imaging Techniques to Detect Detrimental Changes**  
Dr. Phil Levy

8:50            **3. Novel Approaches to Developmental Lung Diseases of the Pulmonary  
Vasculature: Antenatal Cell-Based Interventions for CDH**  
Dr. Augusto Zani

9:15            **4. What's Old is Still Relevant: The Role of Inhaled Nitric Oxide in the Pre-term  
Newborn**  
Dr. Satyan Lakshminrusimha

9:40            *Break*

**SESSION 2: Special Scientific Presentations**

MODERATORS: Drs. Steven Abman and Lew Romer

9:55            **5. Special Lecture: Leveraging Multi-Omics in Vascular Biology**  
Dr. Cristina Alvira

10:20           **6. The Lucas Van Wormer Best Trainee Research Award**  
Introduction: Dr. Dunbar Ivy  
**Clinical Phenotype and Treatment Strategies in Children with Pulmonary  
Hypertension And TBX4 Disease**  
Dr. Cara Morgan

10:55           **Introduction: The Robyn Barst Keynote Lecture**  
Dr. Bernard Thébaud

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11:00      **KEYNOTE SPEAKER: The Robyn Barst Keynote Lecture (Recorded)**  
**Genotype Phenotype Relationships in Heritable Pulmonary Hypertension**  
Dr. Marc Humbert

12:00-1:15 pm *Lunch on Own*

**SESSION 3: Pediatric Drug Delivery: A Practical Discussion**

**1:15 pm - 2:00 pm**

MODERATORS: Elizabeth Colglazier and Emma Jackson

1:15            7. Jenna Faircloth, PharmD, BCPS

**SESSION 4: COVID 19 and the Pulmonary Vasculature: Lessons Learned**

MODERATORS: Drs. Jason Boehme and Eric Austin

2:00            8. **A SARS-CoV-2 Mitochondriopathy in COVID-19 Pneumonia**  
Dr. Stephen Archer

2:25            9. **COVID: Animal Models and Clinical Trials (Recorded)**  
Dr. Duncan Stewart

2:50            10. **COVID Pulmonary Vasculature Pathology (Recorded)**  
Dr. Csaba Galambos

3:15            11. **COVID in Childhood and PH Patients**  
Dr. Erika Rosenzweig

3:40            *Break*

**SESSION 5: Caring for the Adolescent Patient with Pulmonary Hypertension**

MODERATORS: Claire Parker and Michelle Ogawa

3:50            12. **Using a Strengths-Based Approach to Promote Adolescent Wellbeing**  
Adam Leonard, PNP, MPH

4:20            13. **Management of Abnormal Uterine Bleeding and Contraception**  
Dr. Sara Whetstone

4:50            14. **PH: Mental Health**  
Dr. Sarah Kelly

5:20            15. **Palliative Care and Advanced Directives (Recorded)**  
Dr. Alison Miles

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**PPHNet Pathology Consortium Program**

- 5:45 **16. Introduction: Dr. Csaba Galambos**  
5:45-6:35 Case Presentations
- 5:45-5:55 pm---Dr Kalyani Patel
  - 5:55-6:05 pm---Dr Nahir Cortes Santiago
  - 6:05-6:15pm---Dr. Jenny Pogolier
  - 6:15-6:25pm---Dr. Sara Vargas
  - 6:25-6:35pm---Dr. Megan K. Dishop

6:45 pm *Adjourn*

**SATURDAY, FEBRUARY 26th, 2022**

6:30 am *Continental Breakfast*

- 7:00 **18. Sunrise Discussion: Meet the Mentors: *Small Groups Sessions***  
Round Table Topics Include: Clinical PH Training and Starting and Maintaining a Multi-Disciplinary PH Program

**SESSION 5: Pulmonary Vein Stenosis: An Update**

MODERATORS: Drs. Rachel Vanderlaan and Emily Morell

- 8:00 **19. PVS Network: General Update**  
Dr. Rachel Vanderlaan
- 8:15 **20. Medical Therapies: An Update**  
Dr. Usha Krishnan
- 8:40 **21. Catheter-Based Therapy: An Update**  
Dr. Russel Hirsch
- 9:05 **22. Surgical Therapies: An Update (Recorded)**  
Dr. Chris Caldarone
- 9:30 am *Break*

**SESSION 6: SCIENTIFIC SESSION INCLUDING ABSTRACT POSTER SYMPOSIUM**

(10:00 am – 12:30 pm - General Session Room)

MODERATORS: Drs. Sanjeev Datar and Bernard Thébaud

- 11:00 **23. The Year in Review: Basic Science**

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Dr. Usha Raj

11:30      **24. The Year in Review: Clinical Science**

Dr. Dunbar Ivy

12:00 pm      **25. Platform Sessions: Brief Poster Oral Discussions**

12:30      *Boxed Lunch*

**SESSION 7: PANEL DISCUSSION: The Genotype-Phenotype Approach to the PAH Patient**

**Faculty: Drs. Eric Austin, Wendy Chung, and Erika Rosenzweig**

1:15      **PVDOMICS**

Dr. Erika Rosenzweig

**SESSION 8: Risk Assessment and Therapeutic Updates**

**MODERATORS: Drs. Maria Del Cerro and Rachel Hopper**

2:15      **27. Risk Assessment of Pulmonary Arterial Hypertension**

Dr. Raymond Benza

2:45      **28. Risk Assessment: Pediatric Perspectives (Recorded)**

Dr. Allen Everett

3:15      **29. Therapeutic Approach to the Newly Diagnosed Patient: Mono, Dual, or Triple?**

Dr. Rolf Berger

3:45      **30. New and Future Therapies for PAH and RV failure**

Dr. Paul Yu

4:00      *Break*

4:15      **31. Case Presentations: The PHuzzlers**

5:30 pm      *Closing Remarks and Adjourn*