PVRI 2027 Bangkok Annual Congress

27 January - 31 January 2027

Amari Hotel & Conference Centre
847 Phetchaburi Road, Bangkok, Thailand

Bridging Science, Innovation & Care for the Next 20 Years





Pulmonary Vascular Research Institute (PVRI) is a registered charity (no. 1127115) and a company limited by guarantee (no. 05780068)

Shaping the Future of PH, Together

It is my great pleasure to invite you to PVRI 2027 in Bangkok, our much-loved annual Congress and a highlight of the PVRI calendar that returning delegates look forward to year after year.

As one of the most important gatherings for our global community, the Congress offers a vibrant and inspiring opportunity to come together around a clear and ambitious purpose: to bridge science, innovation and care for the next 20 years.

This theme reflects both the progress already being made across pulmonary vascular disease and the work still ahead of us. Pulmonary hypertension remains a complex and urgent challenge, but it is also a field defined by remarkable scientific momentum.

PVRI 2027 is designed to bring together the people, ideas and partnerships needed to translate that momentum into better understanding, better treatment and better outcomes for patients worldwide.

The programme has been shaped to encourage exchange, discovery and practical learning. Across the five days, delegates will have the opportunity to engage with complex clinical scenarios, real-world global cases, advances in Group 2 and Group 3 PH, precision medicine, OMICS, AI, digital twins, imaging, transplantation and emerging therapeutics.

Alongside the scientific sessions, poster presentations, Task Force and IDDI Workstream meetings, special luncheons, networking events and the Gala Dinner & Awards Presentation evening will create space for the conversations and connections that make PVRI meetings so distinctive.

We are especially pleased to bring PVRI 2027 to Bangkok. Holding the Congress in Southeast Asia reflects our commitment to strengthening pulmonary hypertension research, education and care across regions, disciplines and health systems. It is an invitation not only to attend, but to contribute to a truly global conversation about the future of PH.

Whether you are an established investigator, an early career professional, a clinician, a scientist, an industry partner, a regulator, or a patient representative, I warmly encourage you to be part of PVRI 2027. Your perspective, expertise and experience are essential to advancing a field that depends on collaboration across borders, specialties and career stages.

I extend my special thanks to Jane Leopold (Lead), Khodr Tello (Co-Lead) and the full Scientific Organising Committee, as well as to our speakers, abstract contributors, sponsors, partners, IDDI Workstream and Task Force leads, and staff, for their dedication in creating a Congress that reflects the ambition and energy of our community.

I very much hope you will join us for PVRI 2027 Bangkok, and be part of the ideas, partnerships and progress that will carry our field forward over the next 20 years.



Brad Maron
PVRI President 2026-28





A Word from our Scientific Organising Committee

We are delighted to help shape a programme that reflects the ambition, diversity and momentum of the global PH community. We are deeply grateful to the full Scientific Organising Committee for their expertise, time and commitment in developing a Congress programme that brings together outstanding science, practical clinical insight and meaningful opportunities for collaboration.

We look forward to welcoming colleagues from across disciplines, regions and career stages to Bangkok for a Congress that is both scientifically rigorous and deeply connected to the real-world needs of patients and healthcare systems. We hope delegates will leave PVRI 2027 with new knowledge, new partnerships and renewed energy to bridge science, innovation and care for the next 20 years.



Jane Leopold, Brigham and Women Hospital, USA

Jane Leopold is an Associate Professor of Medicine at Harvard Medical School, Director of the Women's Interventional Cardiology Health Initiative and Director of the Cardiovascular Research Cores at Brigham and Women's Hospital. Her research involves using precision medicine approaches to characterise complex cardiopulmonary vascular diseases. Her work has been funded by the NIH/NHLBI, the American Heart Association, the Lerner Foundation and she was named a Thomas W. Smith MD Scholar.

She has authored numerous scientific manuscripts, editorials and book chapters and has been issued patents on her work. She is the recipient of several research awards and is a member of the Association of University Cardiologists. She serves on several national and international research and peer review committees. Many of her mentees have gone on to national and international leadership positions. She is also the Deputy Editor for cardiology at the New England Journal of Medicine.



Khodr Tello, Justus-Liebig-Universität Gießen, Germany

Khodr Tello is a physician-scientist specialising in pulmonary hypertension, right ventricular function, and cardio-pulmonary interactions. He serves as Head of Pulmonology and Respiratory Medicine at Krankenhaus Nordwest Frankfurt and as Managing Deputy Director at Pulmology and Intensive Care Medicine at University Hospital Giessen and Marburg / Justus Liebig University Giessen.

Prof. Tello focuses on RV–pulmonary arterial coupling and advanced hemodynamics in pulmonary hypertension. He has authored numerous publications in leading journals including Circulation, American Journal of Respiratory and Critical Care Medicine, and European Respiratory Journal. His work has received international recognition through invited lectures, scientific awards, and leadership roles in major pulmonary vascular research collaborations.



Aleksandra Babicheva
University of Minnesota, USA



Valentina Mercurio
Federico II University, Italy



Shahin Moledina
Great Ormond Street Hospital, UK



Steve Niederer
Imperial College London, UK



Peter Nyasulu
Stellenbosch University, South Africa



Sasha Prisco
University of Minnesota, USA



Rogerio Souza
University of Sao Paulo Medical School, Brazil



Suree Sompradeekul
Faculty of Medicine Siriraj Hospital, Mahidol Universit, Thailand



Ryan Tedford
Medical University of South Carolina, USA



Athiththan Yogeswaran
Justus-Liebig-Universität Gießen, Germany



Dingyi Wang
China-Japan Friendship Hospital, China

Discover more

Bridging Science, Innovation & Care for the Next 20 Years

Satellite Meetings (Bookable, Free, Open to all)

Wednesday 27 January

- 08:30-12:00 Imaging Task Force - Pravet, Floor 5
- 08:30-12:00 Southeast Asia - Burirom, Floor 5
- 08:45-15:00 IDDI Workstreams - Wasukri, Floor 5
- 12:00-13:00 Buffet Lunch - Amaya Food Gallery, Floor 4
- 12:30-17:45 Infection in PVD (iPVD) & Latin America (LatAm) Joint Task Forces - Pravet, Floor 5
- 13:00-15:00 Women's Health Task Force - Burirom, Floor 5
- 15:30-18:00 High Altitude Task Force - Burirom, Floor 5
- 15:30-18:15 Paediatric Task Force - Wasukri, Floor 5
- 18:15-20:00 A Toast to Southeast Asia – Wine Tasting Fundraising Event - Italthai Cellar, Floor 4 (Bookable)

Main Programme, Watergate Ballroom, Floor 6

Thursday 28 January

- 08:00-08:10 PVRI President's Welcome
- 08:10-09:40 Session 1: Managing Complex Clinical Scenarios in PH: Preoperative Evaluation, Pregnancy & Valvular Heart Disease
- 09:40-10:50 Session 2: Real-World PH: Global Cases, Local Challenges
- 10:50-11:20 Refreshment Break - Breakout Area, Floor 6
- 11:20-12:40 Session 3: Transforming Care for Group 2 PH
- 12:40-14:25 Buffet Lunch - Amaya Food Gallery, Floor 4
- 12:40-14:25 World Café PH Luncheon - Wasukri, Floor 5 (Bookable, Free)
- 14:25-15:45 Session 4: From Mechanisms to Haemodynamics - Responses to Novel PH Therapies
- 15:45-17:05 Oral Abstracts & Moderated Poster Session with Refreshments - Pratunam, Floor 7
- 17:05-18:35 Networking Reception - Amari Rooftop Garden, Floor 8

Friday 29 January

- 06:15-07:15 Sunrise Serenity Tai Chi – Tai Chi Fundraising Event - Rooftop Garden, Floor 8 (Bookable)
- 08:00-09;20 Session 5: Advancing Precision Medicine: From OMICS to Outcomes
- 09:20-10:40 Session 6: From Data to Decisions: AI, Digital Twins & Clinical Simulations
- 10:40-11:10 Refreshment Break - Breakout Area, Floor 6
- 11:10-12:30 Session 7: The Evolving Landscape of Group 3 PH
- 12:30-14:15 Buffet Lunch - Amaya Food Gallery, Floor 4
- 12:30-14:15 Advancing Women in PH Luncheon - Wasukri, Floor 5 (Bookable, Free)
- 13:00-14:00 Standing on the shoulders of Giants - 70 Years of PH Progress - Watergate Ballroom, Floor 6 (Walk in session, Free)
- 14:15-15:35 Session 8: ISHLT & PVRI: Beyond Medical Therapy - Heart & Lung Transplantation in PH
- 15:35-17:00 Moderated Poster Session with Refreshments - Pratunam, Floor 7
- 17:00-18:00 Cracking the Code: What Authors Really Want to Know from Journal Editors - Watergate Ballroom, Floor 6 (Bookable, Free)

Saturday 30 January

- 08:00-09:30 Moderated Poster Session with Refreshments - Pratunam, Floor 7
- 09:30-10:50 Session 9: Addressing Global Disparities in PH Care: Role of the Go Deep Registry
- 10:50-12:10 Session 10: Next-Generation Imaging of the Pulmonary Vasculature & Right Heart for Clinical Decision Making
- 12:10-13:55 Buffet Lunch - Amaya Food Gallery, Floor 4
- 12:10-13:55 Career Catalyst PH Luncheon - Wasukri, Floor 5 (Bookable, Free)
- 13:55-15:10 Session 11: From Mechanism to Medicine: Emerging Therapeutics
- 15:10-15:40 Refreshment Break - Breakout Area, Floor 6
- 15:40-16:56 Session 12: Shark Tank
- 16:56-17:01 Closing Remarks
- 19:30-00:00 Gala Dinner & Awards Presentations - Watergate Ballroom, Floor 6 (Bookable, Chargeable)

Satellite Meetings (Bookable, Free, Open to all)

Sunday 31 January

- 08:00-13:00: International Consortium for Genetic Studies (PAH-ICON) Task Force - Wasukri, Floor 5

Imaging Task Force

Pravet, Floor 5

Imaging in PVD: From Detection to Precision Phenotyping

08:30-08:35 Introduction
David Kiely & David Levin

SESSION 1: Multimodality Imaging: Contemporary Approaches

08:35-08:50 Contemporary Echocardiography for Early Detection & Longitudinal Assessment of PVD
Speaker: Valentina Mercurio
Moderator: Monica Mukherjee

08:50-09:05 Advanced CT Imaging for Screening, Monitoring, & Phenotyping PVD
Speaker: Lilian Meijboom
Moderator: Andy Swift

09:05-09:25 Cardiac Magnetic Resonance in PVD: Quantifying Right Heart Adaptation
Speaker: Liam Zhong
Moderator: Ben Freed

09:25-09:40 Functional & Molecular Imaging in PVD
Speaker: Rilong Hong
Moderator: Harm-Jan Bogaard

09:40-10:00 Panel Discussion
Moderators: David Kiely & David Levin

10:00-10:30 Refreshment Break

SESSION 2: From Imaging Evidence to Clinical Implementation

10:30-10:50 Building Consensus on Imaging for Early PVD - Echo, CMR, CT & Nuclear
Speakers: Valentina Mercurio (Echo), Ben Freed (CMR), Andy Swift (CT) & Harm-Jan Bogaard (Nuclear)
Moderator: Monica Mukherjee

10:50-11:10 Longitudinal Imaging in PVD: Integrating Imaging & Risk Assessment - Echo, CMR, CT & Trials
Speakers: Khodr Tello (Echo), Ben Freed (CMR), Lilian Meijboom (CT) & Sandeep Sahay (Trials)
Moderator: David Kiely

11.10-11:30 Advancing Clinical Trials Through Quantitative Imaging & Artificial Intelligence
Speakers: Raul San Jose Estepar, Vallerie McLaughlin, Sandeep Sahay, Khodr Tello
Moderator: Rebecca Vanderpool

11.30-12:00 Consensus Statements & Discussion
Speakers: David Kiely & David Levin

Southeast Asia Task Force

Burirom, Floor 5

08:30-08:40 Welcome
Suree Sompradeekul & Ruan Wen

Session 1: Characteristics & Epidemiology of PH in Southeast Asia

Moderators:

08:40-08:50 PH in Vietnam
Dyah Wulan Anggarhini

08:50-09:00 PH in Malaysia
Geetha Kandavello

09:00-09:10 PH in the Philippines
Catherine Joy Tubig

09:10-09:20 PH in Singapore
Ruan Wen

09:20-09:30 PH in Thailand
Krittika Teerapuncharoen

09:30-09:40 PH in Vietnam
Nguyen Thi Minh Ly

09:40-09:50 PH: The Patient Perspective
Melissa Chan

09:50-10:00 Q&A

10:00-10:30 Refreshment Break

Session 2: Bridging Gaps in PH care

Moderators: Kritvikrom Durongpisitkul & Hiromi Matsubara

10:30-11:15 Regional Challenges & Practical Solutions
Group discussion

Session 3: GoDeep in Southeast Asia & Learning from other Task Forces

Moderators: Suree Sompradeekul & Ruan Wen

11:15-11:30 GoDeep: Building Local Data Registries
Khodr Tello & Athiththan Yogeswaran

11:30-11:40 China: GoDeep Experience
Zhi-Cheng Jing

11:40-11:50 India: GoDeep Experience
Prashant Bobhate

11:40-11:50 Key Takeaways
Suree Sompradeekul & Ruan Wen

Innovative Drug Development Initiative (IDDI)

Wasukri, Floor 5

FROM ADD-ON THERAPY TO REMISSION INDUCTION

Rethinking PH Drug Development, Treatment Goals & Trial Endpoints in the AI Era

08:45-09:00	Are We Aiming for the Right Thing? Rethinking Treatment Goals in Modern PAH
09:00-09:30	Remission as a Treatment Target: What can PH Learn from Rheumatology & Lupus?
09:30-09:50	Can Real-World Data Define & Validate Remission in PH?
09:50-10:10	Refreshment Break
10:10-10:45	Paediatric PH: Novel Endpoints & Harmonised Regulatory Pathways for Drug Development
10:45-11:10	Technology-Enabled Remission Endpoints: Imaging, Remote Haemodynamics & Continuous Response Assessment
11:10-11:35	What Does Remission Mean to Patients? Quality of Life, Lived Experience & Measuring What Really Changes
11:35-12:00	AI-Enabled Imaging in Group 3 PH: Screening & Endpoints for Vascular & Parenchymal Disease Modification
12:00-12:45	Lunch Break
12:45-13:05	Atrial Flow Regulator as a Bridge to Remission or Transplant
13:05-13:20	Can Remission-Era Drug Development Work Globally? Access to Therapy, Trials & Research Equity
13:20-13:50	What Should Remission in PH Look Like? Building a Definition Together
13:50-14:10	Refreshment Break
14:10-14:40	Designing a Clinical Trial with Remission as the Endpoint
14:40-15:00	AI Synthesis & Wrap-Up: What Did we Actually Agree?

Infection in PVD (iPVD) Consortium & Latin America (LatAm) Task Force

Pravet, Floor 5

12:30-12:45 Welcome & vision

SESSION 1: Epidemiology & Clinical Care in Resource-Limited Settings

Moderators: Veronica Franco & Peter Nyasulu

12:45-13:00 PH Registries Across Latin America: Current Landscape & Future Perspectives
Tomás Pulido

13:00-13:15 Infectious Phenotypes in PVD: Schistosomiasis, HIV, Chagas, & Tuberculosis
Rudolf Oliveira

13:15-13:30 Advancing Collaborative Research and Clinical Trials in Resource-Limited Settings: Insights for Emerging Investigators
Veronica Franco

13:30-13:45 Deep Phenotyping of Infection-Associated PVD: From Biomarkers to Exercise Physiology
Thais Menezes

13:45-14:00 Applying International Guidelines for PVD in LMIC Settings: Challenges & Strategies
Ana Mocumbi

14:00-14:15 The Patient Journey in PH: Access, Diagnosis, & Treatment Gaps in LMICs
Guillermo Montes

14:15-14:45 Panel Discussion

15:00-15:30 Refreshment Break

SESSION 2: Science, Innovation & Collaboration

Moderators: Gabriel Diaz & Navneet Dhillon

15:30-15:45 Tuberculosis & the Pulmonary Vasculature: Unlocking Pathobiology of Vascular Remodeling
Gerald Maarman

15:45-16:00 The Pulmonary Vascular Microbiome in Latin American Populations: Molecular Determinants & Future Applications
Suellen Oliveira

16:00-16:15 Translating the Digital Horizon: Integrating AI into Pulmonary Vascular Science & Medicine
Vinicio de Jesus Perez

16:15-16:30 The Pathobiology of HIV Related PVD: Molecular & Cellular Drivers
Navneet Dhillon

16:30-16:45 PH & iPVD in Southeast Asia: An Overview

16:45-17:15 Panel Discussion

SESSION 3: Closing Remarks

17:15-17:25 Best Clinical/Epidemiological & Best Basic/Translational Abstract Awards Presented by the iPVD Consortium

17:25-17:35 Best Clinical/Epidemiological & Best Basic/Translational Abstract Awards Presented by the LatAm Task Forces

17:35-17:45 Closing Remarks & Leadership Transition from the iPVD & LatAm Task Forces

17:45-18:00 Wrap Up

Women's Health Task Force

Burirom, Floor 5

Women's Health Across the Lifespan: Reproductive Aging & PH

Moderators: Aleksandra Babicheva, Daria Kostyunina, Ting Ting Low, Sasha Prisco

13:00-13:20	The Effects of Aging & Menopause on PH Incidence & Progression Jessica Badlam
13:20-13:30	Q&A
13:30-13:50	Age-Related Changes in Sex Hormones & the Effect on Pulmonary Vascular & RV Function Tim Lahm
13:50-14:00	Q&A
14:00-14:20	Incorporating Reproductive Aging in the Diagnosis & Management of PH in Older Individuals Namita Sood
14:20-14:30	Q&A
14:30-14:50	Women's Health & PH/Cardiology in Southeast Asia: Challenges and Opportunities Wulan Anggrahini
14:50-15:00	Wrap Up



The Women's Health Task Force aims to foster global collaboration to improve knowledge, encourage research, & optimise delivery of clinical care to women with PVD; engage & support efforts in the investigation into sex differences, including the female predominance, in PAH; advance knowledge & provide guidance on pregnancy & reproductive health in women with PH; & support and encourage women investigators in PVD wherever they live in the world.

Find out more: pvrinstitute.org/iddi-workstreams-task-forces/womens-health-task-force

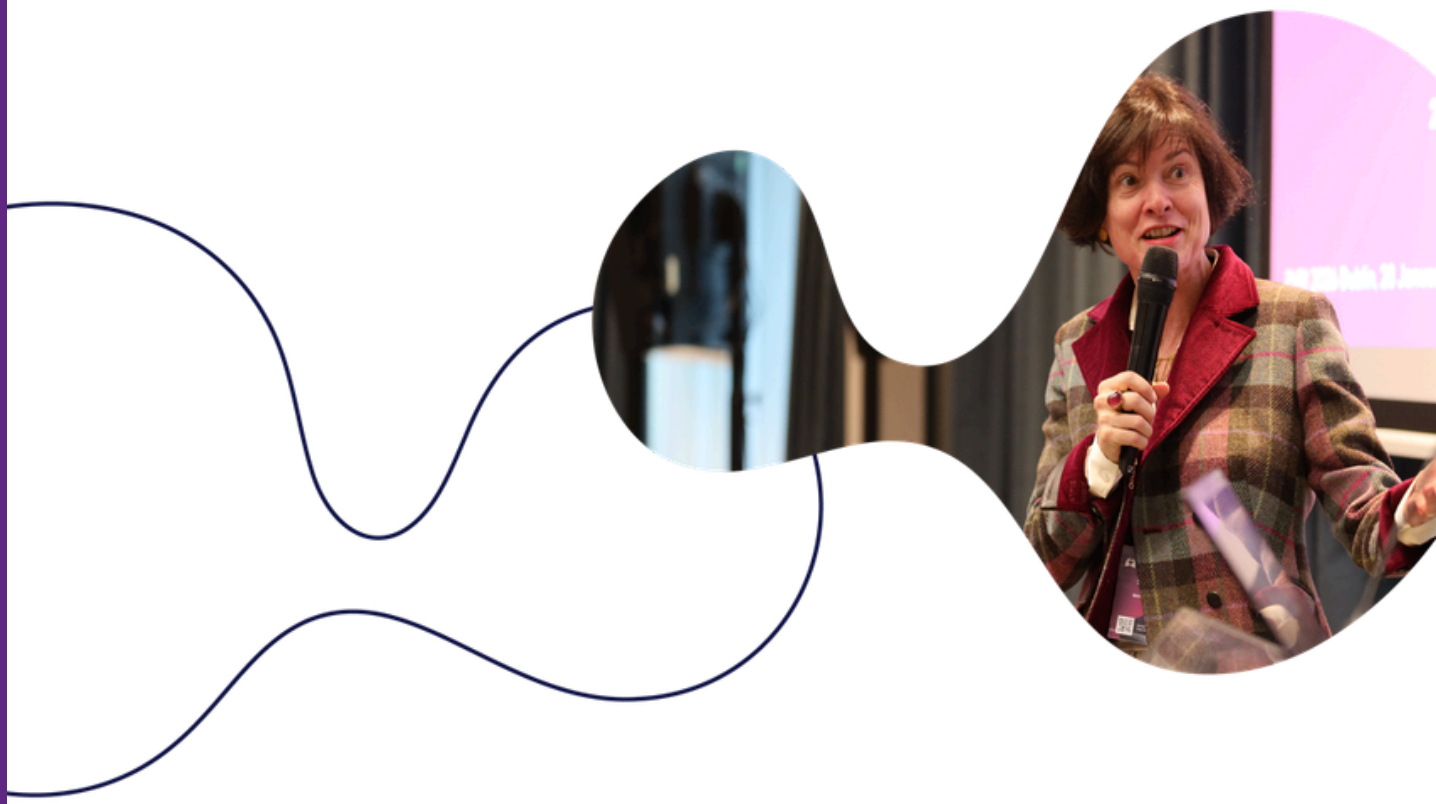
High Altitude Task Force

Burirom, Floor 5

Pulmonary Circulation at High Altitude: From Adaptation to Maladaptation

Moderators: Aastha Mishra & Silvia Ulrich

15:30-15:55	Repurposing an Old Analgesic as a Novel Therapeutic for Acute & Chronic Effects of Hypoxia on the Pulmonary Circulation Wolfgang Kuebler
15:55-16:20	Circulating Microparticles in Kyrgyz Lowlanders & Highlanders With High Altitude Induced PH Ralph Schermuly
16:20-16:45	RAP Nuances During Exercise David Systrom
16:45-17:10	PAP & PVR in Healthy & Diseased at HA Julian Müller
17:10-17:35	High Altitude Adaptation in the Kyrgyz Population: A Historical Overview & Future Perspectives Talant Sooronbaev
17:35-18:00	Decoding Human Responses to Acute Hypobaric Hypoxia: Insights From the Failure of the Adequate Acclimatization Process Aastha Mishra



Paediatric Task Force

Wasukri, Floor 5

15:30-15:35 Welcome & Introductions
Steven Abman, Shahin Moledina & Maria Jesus del Cerro

Paediatric PH Management in East Asia
Moderators: Shahin Moledina, Mary Mullen & Usha Raj

15:35-15:47 Paediatric PH in Thailand
Alisa Limsuwan

15:47-15:52 Q&A

15:52-16:04 Paediatric & CHD PH Care in Malaysia
Geetha Kandanvella

16:04-16:09 Q&A

16:09-16:21 Potts Shunt Experience in Shanghai
Zhuoyuan Xu

16:21-16:26 Q&A

16:26-16:38 Paediatric PH Organisation of Care in India
Prashant Bobhate

16:38-16:43 Q&A

Off Label Use of Sotatercept in Paediatrics & CHD
Moderators: Karin Tran & Nidhy Varghese

16:45-16:55 Experience in PPHNet Centres
Paul Critzer & Usha Krishnan

16:55-17:05 Q&A

Rapid Fire Presentations: The Research Project I Want to Share
Moderators: Karin Tran & Nidhy Varghese

17:05-17:13 Results of the European Survey on Paediatric PH care
Mikaela Dolk

17:13-17:18 Q&A

17:18-17:26 Unique Characteristics of PAH in Mexican Infants
Humberto Garcia

17:26-17:31 Q&A

17:31-17:39 A New Framework for Classifying PPHN
Cara Morgan

17:39-17:44 Q&A

17:44-17:52 Panama Class 2.0: A Multidimensional Framework for Phenotyping PVD Across the Lifespan
Maria Jesus del Cerro, Cara Morgan, Nidhy Varghese, & Paediatric Task Force members

17:52-17:57 Q&A

Proposals for Next Year Activities of the Paediatric Task Force
Moderators: Karin Tran & Nidhy Varghese

17:57-18:15
1. Paediatric Clinical Cases Discussion in PVRI Global PH Consult Programme
2. Writing Guidelines for Management of Paediatric PH from a Global Perspective
3. Working Groups on Paediatric Aspects of PH & Link to the Corresponding PVRI Task Forces

Shahin Moledina

Bridging Science, Innovation & Care for the Next 20 Years

Watergate Ballroom, Floor 6

08:00-08:10 PVRI President, Brad Maron, Welcome

SESSION 1: Managing Complex Clinical Scenarios in PH: Preoperative Evaluation, Pregnancy & Valvular Heart Disease

Moderators: Kritvikrom Durongpisitkul, Daria Kostyunina & Mary Mullen

08:10-08:22 Preoperative Risk Assessment in PH: Assessing Hemodynamics, RV Function, & Surgical Risk
Monica Mukherjee

08:22-08:34 When Pressure Becomes Failure: Critical Care Challenges in PH
Christopher Barnett

08:34-08:46 Balancing Risk & Clinical Outcomes during Pregnancy with PH
Jenna Skowronski

08:46-08:58 Tricuspid Regurgitation: From Forgotten Valve to Frontline Challenge
Nils Kremer

08:58-09:10 Managing PAH Associated with Congenital Heart Disease in China
Hong Gu

09:10-09:40 Q&A

SESSION 2: Real-World PH: Global Cases, Local Challenges

Moderators: Paul Hassoun, Brad Maron & Sandeep Sahay

Panellists: Ardeschir Ghofrani, Ting Ting Low, Vallerie McLaughlin, Suree Sompradeekul & Anton Vonk Noordegraaf

Across the world, PH care is shaped not only by science, but by the realities of place, resources, health systems and lived clinical experience. This case-based session will take delegates into real-world decision-making, where complex cases from across the world reveal the challenges and the ingenuity of PH teams working in diverse settings.

09:40-10:04 CASE 1
Aparna Balasubramanian

10:04-10:27 Faster Than Expected: Rapid Response to Sotatercept in Decompensated PAH on Circulatory Support
Patrick Janezko

10:27-10:50 CASE 3
Jason Weatherald

10:50-11:20 Refreshment Break, Watergate Ballroom Breakout Area, Floor 6

SESSION 3: Transforming Care for Group 2 PH

Moderators: Jenna Skowronski, Ryan Tedford & Thenappan Thenappan

11:20-11:32 New classifcations in Group 2 PH: Should Pressure Drive the Prescription?
Stephan Rosenkranz

11:32-11:44 The Wedge (Sometimes) Lies: Understanding Group 2 PH in the Real World
Vallerie McLaughlin

11:44-11:56 Ablate, Shunt, Stimulate: The Expanding Device Toolbox for Group 2 PH
Shao-Liang Chen

11:56-12:08 Challenges in Classification, Evaluation, & Care of Pediatric Group 2 PH
Karin Tran-Lundmark

12:08-12:40 Q&A

12:40-14:25 Lunch Break, Amaya Food Gallery, Floor 4

12:40-14:25 **Industry Session**
Wasukri, Floor 5

SESSION 4: From Mechanisms to Hemodynamics: Responses to Novel PH Therapies

Moderators: Ardeschir Ghofrani, Anna Hemnes, Mark Toshner

A JOINT SESSION WITH PHA

14:25-14:27 Welcome from the Pulmonary Hypertension Association (PHA)
Matt Granato

14:27-14:39 Novel Diagnostics for the Next Generation of Therapeutics
Bruno Thal

14:39-14:51 Redefining the Hemodynamics of PAH in the Sotatercept Era
Yogesh Reddy

14:51-15:03 Remodeling, Recovery, or Reverse Remodeling? The Right Ventricular Response to Sotatercept
Sarah-Eve Lemay

15:03-15:15 From Sotatercept to Levosimenden: Is Group 2 PH Finally a Druggable Disease?
Rogerio Souza

15:15-15:45 Q&A

Oral Abstracts

Watergate Ballroom, Floor 6

15:45-15:50 **Rupert Swift Award Lecture** Prior Venous Thromboembolism Defines Distinct Genetic & Molecular Phenotypes in Chronic Thromboembolic PH
Zhu Zhang

15:50-15:52 Q&A

15:52-15:55 Microplastics Disrupt Immune-Endothelial Homeostasis: A Previously Unrecognized Environmental Axis in CTEPH
Chanil Valasarajan

15:55-15:57 Q&A

15:57-16:00 Exercise Right Heart Catheterization Reveals a Predominantly Postcapillary Phenotype in Hepatosplenic Schistosomiasis: Implications for Schistosomiasis-Associated PAH
Fernanda Olivieira

16:00-16:02 Q&A

Sponsored Poster Session

Pratunam, Floor 7

16:02-17:05 Moderated Poster Discussion With Refreshments

17:05-18:35 **Industry Session**
Amari Rooftop Garden, Floor 8

06:15 - 07:15 **Sunrise Serenity Tai Chi**
Amari Rooftop Garden, Floor 8

Begin your day with a gentle rooftop garden tai chi session led by a local instructor. Designed for all fitness levels and experience, the session will introduce simple movements, breathing techniques, and mindful practice in a calm outdoor setting.

FUNDRAISING EVENT

Bookable, donations warmly welcomed

Bridging Science, Innovation & Care for the Next 20 Years

Watergate Ballroom, Floor 6

SESSION 5: Advancing Precision Medicine: From OMICS to Outcomes

Moderators: Micheala Aldred, James Kilnger & Peiran Yang

08:00-08:12 Multiomics Profiling to Uncover Mechanisms of PVD
Anna Hemnes

08:12-08:24 The Epigenetic Landscape of PH
Samar Farha

08:24-08:36 Decoding PH Through Metabolomic Profiling
Catherine Simpson

08:36-08:48 Generative AI for Single-Cell Multi-Omics: Predicting Cell States, Perturbations & Disease Mechanisms
Paul Yu

08:48-09:20 Q&A

SESSION 6: From Data to Decisions: AI, Digital Twins, & Clinical Simulations

Moderators: Adel El Bouiz, Steven Niederer & Michael Sharkey

09:20-09:32 AI-Driven Echocardiography for PH Classification
Vivek Muthurangu

09:32-09:44 Digital Twins in PAH: Integrating Multimodal Data for Precision Personalised Prognosis
Tiffany Baptiste

09:44-09:56 Automated Echocardiography for PAH: From Expert Measurement to Scalable Clinical Intelligence
Bettia Celestin

09:56-10:08 Multimodal AI Pipelines for PAH detection: Bridging ECG, Chest Imaging & Clinical Translation
Rebecca Vanderpool

10:08-10:40 Q&A

10:40-11:10 Refreshment Break, Watergate Ballroom Breakout Area, Floor 6

SESSION 7: The Evolving Landscape of Group 3 PH

Moderators: Will Oldham & Aaron Waxman

11:10-11:22 The Distinct Pulmonary Vascular Phenotype of Group 3 PH
Franz Rischard

11:22-11:34	Adaptive & Maladaptive Hypoxia Responses: Cardiopulmonary Acclimatisation & Adaptation Silvia Ulrich
11:34-11:46	Lung Fibrosis & the Pulmonary Vasculature: An Overlooked Axis of Disease Progression Andrea Olschewski
11:46-11:58	When COPD Becomes a PVD John Feenstra
11:58-12:30	Q&A

12:30-14:15 Lunch Break, Amaya Food Gallery, Floor 4

12:30-14:15 **Industry Session**
Wasukri, Floor 5

13:00-14:00 **Standing on the Shoulders of Giants - 70 Years of PH Progress**
Watergate Ballroom, Floor 6

SPECIAL EVENT
Open to all

Moderators: Ghazwan Butrous, Gregory Elliott

Join leading pioneers in PVD and early career professionals as they debate 70 years of research, discovery and clinical progress, sharing lessons learned and insights for the future.

SESSION 8: ISHLT & PVRI: Beyond Medical Therapy - Heart & Lung Transplantation in PH

Moderators: Reda Girgis, & Monvasi Pachinburavan

14:15-14:27	Impact of PH on Heart Transplant & LVAD: Lessons from the Past & Outlook Elizabeth Hardin
14:27-14:39	Challenges in LTX for PH: Moving Forward John Granton
14:39-14:51	Heart & Lung Transplantation in Thailand, Asia: What Does the Future Hold? Krittika Teerapuncharoen
14:51-15:03	Heart & Lung Transplantation in South Korea, Asia: What Does the Future Hold? Junho Hyun
15:03-15:35	Q&A

Oral Abstracts
Watergate Ballroom, Floor 6

15:35-15:40	**Butrous Foundation Young Investigator Award Lecture** Dysbiosis of the Lung Microbiome may be Linked to Sex-Dependent PAH Progression as a Result of Bmpr2 R899X Mutation Omar Loya
15:50-15:52	Q&A
15:40-15:43	Digital Twin Phenotypes Stratify Long-Term Survival in a Cohort of PAH Patients Tiffany Baptiste
15:55-15:57	Q&A
15:43-15:46	More Than a Dose-Limiting Effect? Hemoglobin Response and Clinical Outcomes During Sotatercept Therapy in PAH Kiera Bulluck
16:00-16:02	Q&A

Sponsored Poster Session
Pratunam, Floor 7

15:46-17:00	Moderated Poster Discussion with Refreshments Moderators:

17:00-18:00	**Cracking the Code: What Authors Really Want to Know from Journal Editors** Anna Hemnes (Editor-in-Chief, Pulmonary Circulation), Brad Maron (Editor-in-Chief, Circulation), Jane Leopold (Deputy Editor, Cardiology, New England Journal of Medicine), Jason Weatherald (European Respiratory Journal) Put your questions to leading journal editors and hear their insider perspectives, practical advice and the secrets to navigating the path from research to publication.

SPECIAL EVENT

Bookable, free to attend



Bridging Science, Innovation & Care for the Next 20 Years

Watergate Ballroom, Floor 6

Sponsored Poster Session, Pratunam, Floor 7

08:00-09:00 Moderated Poster Session (with Refreshments from 08:30)
Moderators:

Oral Abstracts, Watergate Ballroom, Floor 6

09:00-09:03	Outcomes of VSD Closure in Children > 2 years with Severe PAH – Interim Analysis (VSD-PROVE) Shivaprasad P M
09:03-09:06	Q&A
09:06-09:09	Development & Locked Holdout Evaluation of Automated CTPA-Derived Multivariable Prediction Models for PH in Patients Undergoing CTPA: Multicentre-Acquired Imaging & Comparison with Echocardiographic Probability Michael Sharkey
09:09-09:12	Q&A
09:12-09:15	Hemodynamic Improvement After Sotatercept Is Not Consistently Linked to Pulmonary Wedge Angiographic Changes in Pediatric PAH Jose Manuel Puyana Rodríguez
09:15-09:18	Q&A
09:18-09:21	Phosphoproteomic Profiling of the Human Right Ventricle in PAH Reveals a Regulatory Layer Invisible to Transcriptomics & Proteomics Sandra Martineau
09:21-09:24	Q&A
09:24-09:27	Altered Gut Microbiota in Chronic Thromboembolic PH & the Protective Effects of TMAO via Suppression of Endothelial TXNDC5 Haoyu Gu
09:27-09:30	Q&A

SESSION 9: Addressing Global Disparities in PH Care: Role of the GoDeep Registry

Moderators: Vinicio de Jesus Perez, Edmund Lau & Ana Olga Mocumbi

09:30-09:42	The PVRI GoDeep Registry: Building the World's Largest Meta-Registry for Deep Phenotyping in PH Athiththan Yogeswaran
09:42-09:54	Equity, Access & Global Collaboration: Building Sustainable PH Care Networks Across Continents Peter Suwirakwenda Nyasulu
09:54-10:06	The Kerela Experience: Preventing PH in Congenital Heart Disease Shine Kumar
10:06-10:18	Insights from Registries into Pediatric PH in LMICs Maria Jesus Del Cerro Marin
10:18-10:50	Q&A

SESSION 10: Next-Generation Imaging of the Pulmonary Vasculature & Right Heart for Clinical Decision Making

Moderators: Noura Alturaif, Harm Jan Bogaard & Zhenguo Zhai

10:50-11:02	Imaging Pulmonary Vascular Remodeling in PAH: Insights into Disease Biology & Treatment Response Farbod (Nick) Rahaghi
11:02-11:14	Sensing the Flow: Mechanotransduction in the Pulmonary Circulation
11:14-11:26	Beyond Conventional 2D Echocardiography: Advanced Right Heart Imaging in PH Valentina Mercurio
11:26-11:38	Imaging the Pulmonary Vasculature at Microscopic Scale Laurent Godinas
11:38-12:10	Q&A

12:10-13:55 Lunch Break, Amaya Food Gallery, Floor 4

12:10-13:55 **Sponsored Session**
Wasukri, Floor 5

SESSION 11: From Mechanism to Medicine: Emerging Therapeutics

Moderators: Sebastien Bonnet, Sasha Prisco & Kurt Stenmark

13:55-14:07 Primed for Disease: Epigegnetic Mechanisms & Second-Hit Susceptibility in PAH
Edda Spiekerkoetter

14:07-14:19 Integrative Multiomic Strategies to Understand PH and Right Ventricular Dysfunction
Soni Savi Pullamsetti

14:19-14:31 Repurposing GLP-1 Agonists for PH
Lan Zhao

14:31-14:43 Beyond the Lungs: Multiorgan Consequences of PAH
Kurt Prins

14:43-15:10 Q&A

15:10-15:40 Refreshment Break, Watergate Ballroom Breakout Area, Floor 6

SESSION 12: Shark Tank

Moderators: Shahin Moledina & Paul Yu

15:40-16:56 An interactive session where leading investigators each present a promising PH therapeutic target or innovative approach, outlining the unmet need, the scientific rationale, and what makes their idea unique. Following each pitch, a panel of experts and the audience will challenge, discuss and debate the concept, creating a lively exploration of future directions in PH research.

Panellists: Grazyna Kwapiszewska-Marsh, Edmund Lau, Wolfgang Kuebler, Sasha Prisco & Martin Wilkins

15:40-16:00 Rewriting the PH Phenotype: Is NEDD9 the Key to Disease Modification in PH?
Andriy Samokhin

16:00-16;20 Hear It Before You See It: Is AI & the Digital Stethoscope All You Need for Early PH Detection?
Gaurav Chaudhary

16:20-16:40 Pitch 3: Pulmonary Artery Denervation: The Ultrasound Advantage
Ryan Tedford

16:40-17:00 RV–PA Coupling: Can One Catheter Capture a Complex Relationship?
Nils Kremer

17:00-17:05 Closing Remarks

19:30-00:00 **Gala Dinner & Awards Presentation Evening**
Watergate Ballroom, Floor 6

Join us as we recognise outstanding contributions, inspiring research and the individuals shaping the future of PVD.

SPECIAL EVENT

Bookable, chargeable

PAH-ICON

Wasukri, Floor 5

08:00-08:10 Opening Remarks
Michaela Aldred & Stefan Graf

Keynote Presentation
Moderators:

08:10-08:50 Keynote: Beyond the Average Patient: The Role of Pharmacogenomics in PAH
Martin Wilkins

08:50-09:00 Q&A

Brainstorming: Future Directions for PAH-ICON - Breakout Groups
Moderators:

09:00-10:00 Group 1: Pharmacogenomics
Group 2: Global cohorts and priorities for new genetic analyses

10:00-10:30 Refreshment Break

10:30-11:00 Feedback Presentations from Breakout Groups

Abstract Presentations
Moderators:

11:00-11:10 Abstract 1

11:10-11:15 Q&A

11:15-11:25 Abstract 2

11:25-11:30 Q&A

11:30-11:40 Abstract 3

11:40-11:45 Q&A

11:45-11:55 Abstract 4

11:55-12:00 Q&A

Beyond European Populations: PH Genetics in Asia
Moderators:

12:15-12:40 TBC

12:40-12:50 Q&A

12:50-13:00 Closing Remarks
Michaela Aldred & Stefan Graf

Sponsored sessions

Our three Congress luncheons offer a more informal space to learn, share experiences, and build connections with colleagues from across the global PH community. Each luncheon takes place during the scheduled Congress lunch break, so you can attend without missing any scientific sessions.

Places are limited and can be booked when registering for the Congress.



World Cafe PH Luncheon

Thursday 28 January
12:40-14:25

We are thrilled to bring you a new lunch event that will bring together colleagues working in, or supporting PH in low- and middle-income countries (LMICs) in a relaxed setting. Hear how inspirational speakers made change happen in low-resource settings, make new connections for practical change, put forward your asks and offers to the community, and be in for a chance of winning a free mentoring session from global PH senior experts.



Advancing Women in PH Luncheon

Friday 29 January

For the fourth-year, we are delighted to bring this inspiring luncheon to you. Recognising the challenges women in PH often face, this luncheon celebrates and amplifies women's voices. Through shared stories, meaningful conversations and new connections, this event helps shape a more inclusive, diverse and ambitious global PH community. Lasting change is only made when everyone is involved; men are warmly welcome to attend.



Career Catalyst Luncheon

Saturday 30 January

Designed for early career professionals, this mentoring event offers a unique opportunity to meet, learn from, and build connections with globally renowned PH physicians and researchers in a supportive and informal setting. Through themed mentoring conversations, this is a chance to gain confidence, broaden your network and seek advice on the next step in your PH career.

Gala Dinner & Awards Presentation evening

Saturday 30 January

Each year, the Gala Dinner & Awards Presentation is one of the real highlights of the PVRI Congress, and PVRI 2027 Bangkok will be no exception.

Taking place at the Amari Bangkok Hotel & Conference Centre, the Gala Dinner will be a relaxed and memorable evening with friends and colleagues. Guests can look forward to a glass of prosecco on arrival, the much-anticipated awards presentations, a tasty three-course Thai dinner, and an evening of dancing.

It will be a chance to celebrate outstanding contributions to PH research, care, and the PVRI community, while catching up with familiar faces and making new connections beyond the scientific programme.





Book your ticket

Sponsored Networking Reception - open to all
Thursday, 17:05-18;35, Amari Rooftop Garden, Floor 8

A chance to meet with colleagues from across the global PH community. Whether you're a first-timer or a long-standing member, come along and make some new connections.



Fundraising events

Make even more of your time in Bangkok by joining one of our special fundraising events. These small-group experiences offer a different way to connect with colleagues, enjoy the city, and support stronger PH collaboration, research, engagement, and professional development across Southeast Asia. Congress delegates are welcome to bring a guest, including partners who are not attending the Congress.



A Toast to Southeast Asia

Wednesday 27 January 2027
18:15 – 20:00
Italthai Cellar, Amari Bangkok

Join fellow delegates for an intimate wine tasting at the Italthai Cellar, Amari Bangkok's elegant wine bar. Enjoy a carefully selected range of wines, accompanied by Thai nibbles, in a relaxed setting before the Congress begins. It's a chance to meet colleagues, start new conversations, and experience a sophisticated side of Bangkok.

A minimum donation of £50 is required to attend; however, larger donations are warmly welcomed. Funds raised will support PH collaboration, research, engagement, and professional development across Southeast Asia.



Sunrise Serenity Tai Chi

Friday 29 January
06:15 - 07:15 (06:30 start)
Rooftop Garden, Amari Bangkok

Begin your day with a gentle rooftop garden tai chi session led by a local instructor.
Designed for all fitness levels and experience, the session will introduce simple movements, breathing techniques, and mindful practice in a calm outdoor setting.

There is no donation required to join, but donations are warmly welcomed. Every contribution will support PH collaboration, research, engagement, and professional development across Southeast Asia.

Your support will make a difference

These optional activities have been arranged to raise funds to help PVRI reduce the global burden of PH. Your donations will support grants and awards for early-career colleagues and those from low-resource regions, subsidise delegate fees for those who need it, pay publishing fees, and much more.

Donations are non-refundable. We'll always do our best to run each activity as planned, but circumstances outside our control — such as severe weather or venue limitations — may mean we need to adapt, shorten, or cancel an activity. If this happens, your contribution will still directly support PVRI's charitable work.

Sponsors & Exhibitors

We are committed to delivering a programme that is both scientifically rigorous and forward-looking, while continuing to support the next generation of leaders in our field.

Sponsor and exhibitor involvement is vital to making this possible. Through your partnership, we are able to convene the community, amplify innovation, and sustain the collaborative spirit that defines PVRI.

We are hugely grateful to those who have already expressed an interest. If you would like to learn more, visit pvrinstitute.org/pvri2027/sponsorship.

Find out more

Want to learn more?

Watch these videos to learn more about what to expect...







See you in Bangkok!

Register today



PVRi

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