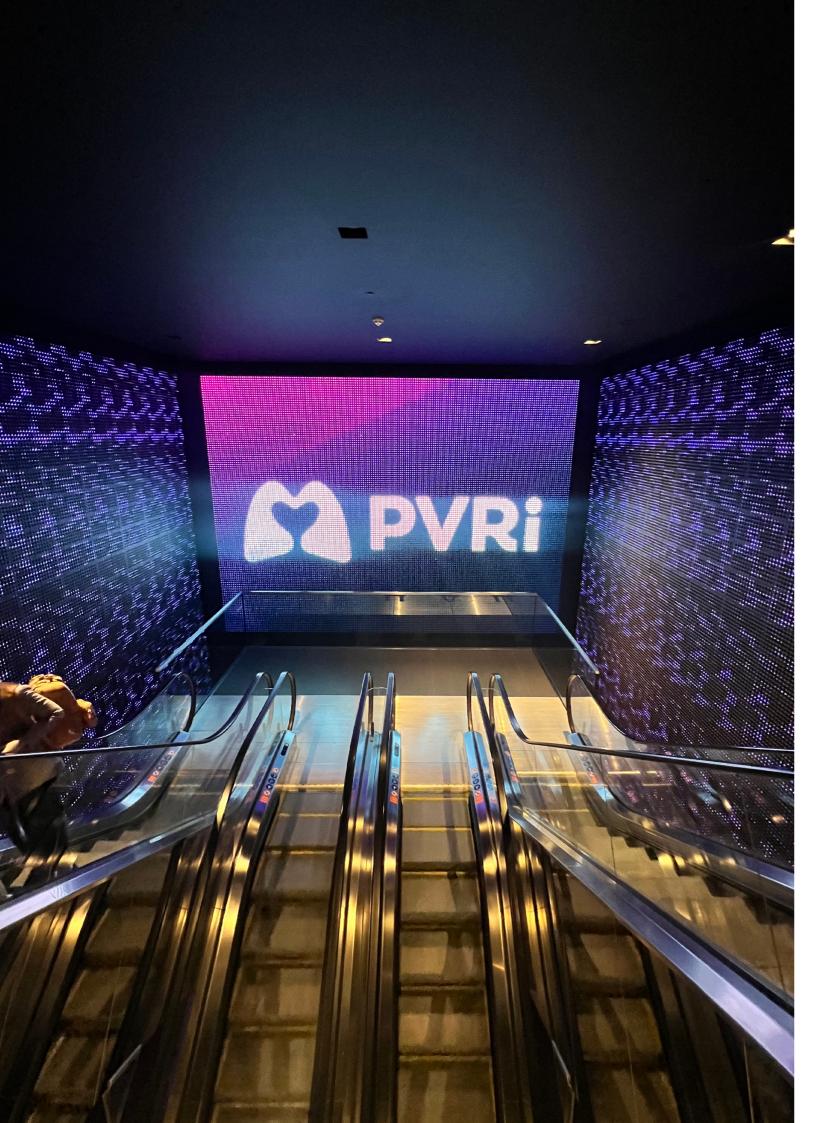


PVRI 2025 Rio Annual Congress

29 January - 1 February 2025

Embracing Heterogeneity

Windsor Convention & Expo Centre, R. Martinho de Mesquita, 129 - Barra da Tijuca Rio de Janeiro - RJ, 20031-204



Programme overview

Pre-congress satellite meetings, Windsor Oceanico, 2nd Floor, Oceania

Wednesday, 29 January

08:00-16:00	Innovative Drug Development Initiative
08:00-16:00	Infection in Pulmonary Vascular Diseas
08:00-12:00	Paediatric & Congenital Heart Disease
12:30-18:00	PAH-ICON: International Consortium f
13:30-17:15	Imaging Task Force Meeting, Oceania
16:00-18:00	High Altitude Task Force Meeting, Oce
16:00-18:00	PVRI Board Meeting, Oceania VIII

Scientific programme, Windsor Oceanico, 3rd Floor, Asia

Thursday, 30 January: Heterogeneity in the presentation of PH

08:00-11:05	Session 1: Establishing the framework
11:05-13:00	Buffet lunch Windsor Barra, Ground F
11:05-13:00	Career Catalyst Luncheon (bookable),
13:00-16:00	Session 2: Risk stratification and treatm
16:00-18:00	Poster presentations
18:00-20:00	Welcome Drinks Reception (open to a

Friday, 31 January: Heterogeneity in the pathobiology of PH

08:00-11:10	Session 3: Vascular heterogeneity in cl
11:10-13:00	Buffet lunch Windsor Barra, Ground Fl
11:10-13:00	Women in PH Luncheon (bookable), W
13:00-16:30	Session 4: Heterogeneity in PH associa
16:30-18:00	Poster presentations
19:00-23:59	Gala Dinner & Awards Presentation (bo

Saturday, 1 February: Learning from heterogeneity to improve outcomes in PH

08:00-11:00	Session 5: The individual exposome ar
11:00-12:45	Buffet lunch Windsor Barra, Ground Fl
11:00-12:00	Hot topics from PVRI GoDeep (bookat
12:45-13:45	Session 6: Quantifying therapeutic res
13:45-14:15	Refreshment break
14:15-16:15	Session 7: Leveraging disease heterog
TBC	Pulmonary Circulation Journal Meetin



ve (IDDI) Meeting, Oceania IX ase (iPVD) Consortium Meeting, Oceania X e Task Force Meeting, Oceania II for Genetic Studies in PAH Meeting, Oceania II Ш eania X

for the classification and diagnosis of PH worldwide Floor, Barra Restaurant), Windsor Barra, 2nd Floor, Alhambra & El Pardo ment in the new era of PH therapeutics

all), Windsor Barra, 2nd Floor, Alhambra & El Pardo

chronic lung disease loor, Barra Restaurant Nindsor Barra, 2nd Floor, Alhambra & El Pardo iated with heart disease

ookable), Windsor Barra, Ground Floor, Louvre

and its contribution to PH heterogeneity Floor, Barra Restaurant able), TBC sponses

geneity in clinical trial design ng (closed meeting), TBC



Infection in Pulmonary Vascular Disease (iPVD) Consortium Task Force

•	08:00-08:05	Welcome and opening remarks Navneet Dhillon	
)	Session 1: Current updates on infection associated PVDs Chairs: Navneet Dhillon, Suellen Oliveira		
	08:05-08:25	Pulmonary vascular complications of tuberculosis: PH and beyond Brian Allwood	
)	08:25-08:45	Update on multiple co-morbidities and PVD Peter Nyasulu	
	08:45-09:05	Update on HIV and PVD Ana Olga Mocumbi	
	09:05-09:25	Mechanistic overlap between inflammatory pathways relevant to PH and COVID-19 Stephen Chan	
	09:25-09:45	Pathobiology of inflammatory immune cells in schistosoma induced PH Rahul Kumar	
	09:45-10:05 Fungal infections induced PH Alexandre Fabro		
	10:05-10:30	Refreshment break	
	Session 2: Schistosomiasis associated PVD in Latin America Chairs: Ghazwan Butrous, Brian Graham		
	10:30-10:50 Overview of Sch-PAH: case-based presentation of the disease spectrum Angela Bandeira		
	10:50-11:10	Clinical and epidemiological aspects of Sch-PAH in Bahia Camila Loureiro	
	11:10-11:30	Clinical and epidemiological aspects of Sch-PAH in Minas Gerais Ricardo Correa	

	11:30-11:50	Clinical presentation of hepatoesplenic schistosomiasis in Brazil Roberto José Carvalho		
	11:50-12:10	Advances in schistosomiasis basic resea Katia Oliveira		
	12:10-12:30	Insights from NIH schistosomiasis PAH m Rudolf Oliveira		
	12:30-13:30	Lunch break		
		ssions on schistosomiasis beet K Dhillon, Suellen Oliveira		
	13:30-14:00	Panel 1: Current challenges in diagnosing availability and diagnostic tools Chair: Rogerio Souza Panel: Eliane Mancuzo, Camila Rezende,		
	14:00-14:30	Panel 2: Epidemiological and preventive current status, future perspectives, and i Chair: Ricardo Correa Panel: Miriam Tendler, Roberto José Car		
_	14:30-15:00	Refreshment break		
-		econd hit phenomenon in infection asso olf Oliviera, Vinicio de Jesus Perez		
	15:00-15:20	Air pollution, climate change, infection a Mona Lichtblau		
	15:20-15:40	Emerging insights into HIV- and metham to management Prangthip Charoenpong		
	15:40-16:00	Microbiome and schistosomiasis Suellen Oliveira		



Wednesday 29 January

Windsor Oceanico, 2nd Floor, Oceania X

search: insights from Brazil

H multicenter study

sing schistosomiasis, including biomarker

de, Camila Loureiro

ive aspects of schistosomiasis in Brazil, including nd impact on PH development

Carvalho, Rudolf Oliveira, Angela Bandeira

ssociated PVDs

n and PH

amphetamine-driven PAH: From mechanisms

Paediatric & Congenital Heart Disease Task Force

	Moderators: Maria Jesus del Cerro, Steve Abman, Shahin Moledina					
	Opportunities for Paediatric Task Force involvement in PVRI activities 08:00-08:08 PVRI GoDeep TBC					
08:08-08:15 PVRI Pulmonary Hypertension Global Patient Survey (PH GPS) Shahin Moledina						
08:15-08:23 Innovative Drug Development Initiative Steven Abman						
	08:23-08:30	Discussion: Opportunities & proposal for Task Force lead initiatives All				
World Symposium recommendations & changes 08:30-08:40 Comments on the World Symposium – lights and shadows Maria Jesus del Cerro						
08:40-09:00 Main changes & rationale TBC						
09:00-09:30 Discussion All						
Collaboration between registries 09:30-10:00 Collaboration between registries: Let's make it real Maria Jesus del Cerro						
09:30-10:00 Discussion All						
10:00-10:15 Refreshment break						
Persistent pulmonary hypertension of the newborn 10:15-10:25 Let's talk about PPHN Steven Abman						
10:25-11:00 Defining the disease, clinical phenotypes, global differences & next All						
Experiences & initiatives from the Task Force 11:00-11:30 I have a clinical case I want to discuss All						
	11:30-12:00	I have a research project I want to share All				



Wednesday 29 January

Windsor Oceanico, 2nd Floor, Oceania II

PAH-ICON: International Consortium for Genetic Studies in PAH

	12:30-12:40	Welcome Micheala Aldred, Stefan Gräf			
	Invited presentations & panel discussions Each talk includes 10 minutes of discussion time				
	12:40-13:20	Keynote: Rare disease landscape in Brazil and Latin America Roberto Giugliani			
	13:20-14:00	Update from ClinGen PAH gene and variant expert panel Carrie Welch			
	14:00-14:40	Update from the TBX4Life initiative Eric Austin			
14:40-14:50 Refreshment break					
	Abstract pre 14:50-15:10	sentations Late onset pulmonary veno-occlusive disease associated with rare heterozygous variants of KDR and EIF2AK4 Vasile Foris			
	15:10-15:30	Functional characterization of novel KV1.5 variants in PAH Andrea Olschewski			
	15:30-15:50	Spatial profiling identifies localised changes in gene expression in pulmonary vascular remodeling in the sugen hypoxia rat model James Klinger			
	15:50-16:10	Pathogenic PAH gene variants linked to pulmonary vascular pruning in non-hispanic white COPD gene participants Vasile Foris			
	16:10-16:30	Smaller right ventricular volumes correlate with elevated afterload in unaffected carriers of a pathogenic BMPR2 variant Eszter Tóth			
	16:30-16:45	Refreshment break			

Building future PH cohorts

16:45-18:00

- > Examples and experiences from around the globe
- > PVRI GoDeep's future perspective
- > Core data set: Standardisation & harmonisation of phenotypes
- > Leveraging image data
- > Resources, federation & analysis strategies
- > Global ethics & governance

Wednesday 29 January

Windsor Oceanico, 2nd Floor. Oceania II

High-Altitude Task Force

Challenges to the pulmonary cir
& beyond at high altitude

Moderators: Aastha Mishra, Silvia Ulrich				
Each talk includes 10 minutes of discussion time				
16:00-16:30	Birth at high altitude – immediate ch Alexandra Heath			
16:30-17:00	The role of the endothelium in acute to hypoxia Wolfgang Kübler			
17:00-17:30	Patients diagnosed with pulmonary solution Silvia Ulrich			
17:30-18:00	Lowlanders with COPD going to altit pulmonary vasculature Mona Lichtblau			
18:00-18:30	High Altitude Task Force meeting			



Wednesday 29 January Windsor Oceanico, 2nd Floor, Oceania X

rculation

nallenges & life-long consequences

e & chronic pulmonary vascular adaptation

vascular disease (PAH/CTEPH) at high altitude

tude – implication for the right heart & the

Scientific programme speakers



Steven Abman University of Colorado

Ambani Hospital

Stephen Chan

School of Medicine

Anna Hemnes

Medical Center

Vanderbilt University

Maria Jesus del

Hospital Universitario

Wolfgang Kübler

Universitätsmedizin

Cerro Marin

Ramón y Cajal

Charité -

Charly Lai

Indiana University

School of Medicine

Bradley Maron

University of Maryland

Berlin

University of Pittsburgh



Prashant Bobhate Kokilaben Dhirubai





Vinicio de Jesus

Stanford University

David Kiely

Grazyna

Health

University of Sheffield

Kwapiszewska

Medical University

Allan Lawrie

London

Imperial College

Graz & Institute of Lung

Perez

Vineet Agrawal

Medical Center

Vanderbilt University

Evan Brittain Vanderbilt University Medical Center

Rolf Berger

University Medical

Center Groningen



Kara Goss UT Southwestern Medical Center



Dunbar Ivy Children's Hospital Colorado/University of Colorado School of Medicine



Gabor Kovacs Medical University of Graz

Tim Lahm National Jewish Health



Susan Majka National Jewish Health - University Of



Valentina Mercurio Federio II University



Rudolf Oliveira Federal University of Sao Paulo

Ioana Preston Lahey Clinic



Alex Rothman University of Sheffield

Catherine Simpson Johns Hopkins

Natascha Sommer University of Giessen & Marburg Lung Center



University

Spiekerkoetter Stanford University



Caio Tavares Imperial College London

Karin Tran-

Lundmark

University

Rebecca

University

Vanderpool

The Ohio State

Brown University

Martin Wilkins

Imperial College

London

Skane University

Hospital & Lund













Hospital



Shahin Moledina Great Ormond Street



Imperial College London



Hiromi Matsubara





10 #PVRI2025

Sasha Prisco University of Minnesota

Soni Savai-Pullamsetti Max Planck Institute



Farbod (Nick) Rahaghi Brigham and Women's Hospital / Harvard Medical School



Sandeep Sahay Houston Methodist Hospital



Rogerio Souza University of Sao Paulo Medical School



Andrew Swift University of Sheffield



Mark Toshner University of Cambridge



Silvia Ulrich University Hospital Zurich



Frances Varian University of Sheffield



Jason Weatherald University of Alberta



Nayeli Zayas

Instituto Nacional de Cardiologia Ignacio Chavez

Charlotte **Summers** University of Cambridge

Khodr Tello University Hospital Giessen

Rubin Tuder University of Colorado Anschutz Medical Campus

Nidhy Varghese Texas Children's Hospital

Sofia Villar University of Cambridge

Roham Zamanian Stanford University

SESSION 1: Establishing the framework for the classification & diagnosis of PH worldwide

			Moderators: F	Pilar Escribano Subias, Sue Gue, Sand
08:00-08:05	PVRI President's welcome Anna Hemnes		13:00-13:15	Developments in risk stratification so Valentina Mercurio
08:05-08:20	PH care in Brazil			
	Rogerio Souza		13:15-13:30	RV phenotyping in PH risk stratificat Tim Lahm
08:20-08:35	Classification & diagnosis of PH: Updates from the 7th WSPH Gabor Kovacs		13:30-13:37	A monoclonal antibody targeting the
08:35-08:50	Omics-based & data-driven approaches to early disease diagnosis Catherine Simpson			experimental PAH Stephanie Hopley
08:50-08:57	The prevalence of PH in sickle cell disease in sub-Saharan Africa: A systematic		13:37-13:52	The impact of novel therapeutics or Sandeep Sahay
	Armella Santi		13:52-14:07	Surgical Interventions, mechanical s Nayeli Zayas
08:57-09:12	CIPHER & CIPHER-MRI studies for early diagnosis of PH loana Preston	-	14:07-14:37	Refreshment break
09:12-09:27	Advanced medical imaging & AI in PH diagnosis & classification Andy Swift		Moderators: (Corey Ventetuolo, Athiththan Yogeswa
09:27-09:57	Refreshment break		14:37-14:52	Approach to the treatment of Group Anna Hemnes
Moderators: To 09:57-10:12	Cardiopulmonary exercise testing in the diagnosis & phenotyping of		14:52-15:07	Risk stratification & treatment of pae Rolf Berger
	Khodr Tello		15:07-15:15	Preclinical models support the syne treating PAH
10:12-10:27	Classification & diagnosis of paediatric PH: Updates from the 7th WSPH Dunbar Ivy			Daniel Bachteler
10:27-10:35	Global treatment disparities within high- and middle-high income PH centers: A cluster analysis by the PVRI IDDI Access to Care Workstream		15:15-15:30	Medical & surgical management of (Hiromi Matsubara
	Franz Rischard		15:30-16:00	Panel discussion: Realities & challen treatment in LMIC
10:35-10:50	CTEPH & CTED approach to early diagnosis & treatment Mark Toshner			Facilitators: Vinicio de Jesus Perez, Mauricio Orozco Levi
10:50-11:05	How pre-clinical models can be used to improve clinical phenotyping &		16:00-18:00	Poster presentations
	Vineet Agrawal		18:00-19:30	Drinks Reception, Windsor Barra, 2n
11:05-13:00 11:05-13:00	Lunch break, Windsor Barra, Ground Floor, Barra Restaurant Career Catalyst Luncheon, Windsor Barra, 2nd Floor, Alhambra & El Pardo Hosts: Jason Weatherald, Laura Oppegard, Katarina Zeder and Navneet Singh			
	08:00-08:05 08:05-08:20 08:20-08:35 08:35-08:50 08:50-08:57 09:12-09:27 09:27-09:57 09:27-09:57 10:12-10:27 10:12-10:27 10:35-10:50 10:35-10:50 11:05-13:00	08:05-08:20PH care in Brazil Rogerio Souza08:20-08:35Classification & diagnosis of PH: Updates from the 7th WSPH Gabor Kovacs08:35-08:50Omics-based & data-driven approaches to early disease diagnosis Catherine Simpson08:50-08:57The prevalence of PH in sickle cell disease in sub-Saharan Africa: A systematic review & meta-analysis Armelia Santi08:57-09:12CIPHER & CIPHER-MRI studies for early diagnosis of PH loana Preston09:12-09:27Advanced medical imaging & Al in PH diagnosis & classification Andy Swift09:27-09:57Refreshment breakModerators: Tatiana Kudryashova, Tim Lahm, Gabor Kovac O9:57-10:1209:12-10:27Classification & diagnosis of paediatric PH: Updates from the 7th WSPH Durbar Ivy10:12-10:27Classification & diagnosis of paediatric PH: Updates from the 7th WSPH Durbar Ivy10:27-10:35Global treatment disparities within high- and middle-high income PH centers: A cluster analysis by the PVRI IDDI Access to Care Workstream Franz Rischard10:36-10:50CTEPH & CTED approach to early diagnosis & treatment Mark Toshner10:50-11:05How pre-clinical models can be used to improve clinical phenotyping & early diagnosis Vineet Agrawal11:05-13:00Lunch break, Windsor Barra, Ground Floor, Barra Restaurant Career Catalyst Luncheon, Windsor Barra, 2nd Floor, Alhambra & El Pardo	08:00-08:05 PVRI President's welcome Anna Hemmes 08:05-08:20 PH care in Brazil Rogerio Souza 08:20-08:35 Classification & diagnosis of PH: Updates from the 7th WSPH Gabor Kovacs 08:35-08:50 Omics-based & data-driven approaches to early disease diagnosis Catherine Simpson 08:57-09:12 CIPHER & CIPHER-MRI studies for early diagnosis of PH loana Preston 10:357-09:12 OP:27-09:57 Refreshment break Moderators: Tatiana Kudryashova, Tim Lahm, Gabor Kovac 09:57-10:12 Cardiopulmonary exercise testing in the diagnosis & phenotyping of PH patients Khodr Tello 10:12-10:27 Classification & diagnosis of paediatric PH: Updates from the 7th WSPH Dunbar Ivy 10:27-10:35 Global treatment disparities within high- and middle-high income PH centers: A cluster analysis by the PVRI IDDI Access to Care Workstream Franz Rischard 10:35-10:50 CTEPH & CTED approach to early diagnosis & treatment Mark Toshner 10:35-01:50 How pre-clinical models can be used to improve clinical phenotyping & early diagnosis Vineet Agrawal 11:50-31:200 Lunch break, Windsor Barre, Ground Floor, Barra Restaurant Tiops and Igarosis Vineet Agrawal	08:00-08:05 PKR President's welcome Anna Hemmes 13:00-13:15 08:05-08:20 PH care in Brazil Rogeric Souza 13:15-13:30 08:20-08:35 Classification & diagnosis of PH: Updates from the 7th WSPH Gabor Koves 13:30-13:37 08:35-08:50 Omics-based & data-driven approaches to early disease diagnosis Catherine Simpson 13:37-13:52 08:50-08:57 The prevalence of PH in sickle cell disease in sub-Saharan Africa: A systematic review & meta-analysis Armella Santi 13:52:14:07 08:57-09:12 CIPHER & CIPHER-MRI studies for early diagnosis of PH loans Proston 14:07:14:37 09:12-09:27 Advanced medical imaging & Al in PH diagnosis & classification Andy Swift Moderators: 0 09:12-09:27 Refreshment break 14:07:14:37 09:12-09:27 Refreshment break 14:52:15:07 09:27-09:57 Refreshment break 15:07:15:15 10:12:10:27 Classification & diagnosis of paediatric PH: Updates from the 7th WSPH Dunbar Ivy 15:15-15:30 10:12:10:27 Classification & diagnosis of paediatric PH: Updates from the 7th WSPH Dunbar Ivy 15:15-15:30 10:27-10:35 Global treatment disparities within high- and middle-high income PH centers: A cluster analysis by the PVR1IDDI Access to Care Workstream Franz Rischard 15:30-16:00 10:35-10:50 CTEPH & CTED approach to early diagnosis & treatment Mark Toshner 16:00-19:30 10:50-11:55

SESSION 2: Risk stratification & treatment in the new era

ndeep Sahay

of PH therapeutics

scores in PH

cation & treatment

the ZIP12 transporter attenuates severe

Thursday

30 January

Windsor Oceanico, 3rd Floor , Asia

on the treatment algorithm of PH

al support, & transplant in end-stage PH

waran, Horst Olschewski

up 1 PH patients with co-morbidities

aediatric PH

nergistic potential of seralutinib & sotatercept in

of CTED & CTEPH

enges of applying PH guidelines for diagnosis &

z, Werner Seeger, Ana Mocumbi, Gerald Maarman,

2nd Floor, Alhambra & El Pardo



SESSION 3:	Vascular heterogeneity in chronic lung disease				
Moderators: G	Grazyna Kwapiszewska, Shelsey Johnson, Susan Majka				
08:00-08:05	Introduction Grazyna Kwapiszewska				
08:05-08:20	Clinical aspects of PH heterogeneity in chronic lung disease: Same as PAH or different? Corey Ventetuolo				
08:20-08:35	Translational investigations of PH in fibrotic lung disease models Susan Majka				
08:35-08:50	Translational investigations of PH in COPD disease models Natascha Sommer				
08:50-08:57	RUPERT SWIFT AWARD LECTURE: Cluster analysis identifies computed tomography imaging-based phenotypes of PH associated with COPD-PH Shelsey Johnson				
08:57-09:05	Endotyping PH in COPD: possible role of systemic & lung iron status Horst Olschewski				
09:05-09:20	Panel discussion: Comparison of vascular changes in CLD & PAH				
09:20-09:50	Refreshment break				
Moderators:	David Kiely, Mona Lichtblau, Sarah MacIssac				
09:50-09:55	Introduction David Kiely				
09:55-10:10	Vasculature in CLD: Imaging insights Farbod (Nick) Rahaghi				
10:10-10:25	Pulmonary vascular heterogeneity: Insights from contemporary pathological approaches Rubin Tuder				
10:25-10:40	Vascular changes in paediatric chronic lung disease Steven Abman				
10:40-10:47	BUTROUS FOUNDATION YOUNG INVESTIGATOR AWARD LECTURE: Impact of IRG1/Itaconate axis on cardiopulmonary phenotype: linking bone marrow dynamics to inter-organ communication Golnaz Hesami				

Harry Karmouty Quintana

Panel discussion: Should we target vascular changes in chronic lung disease?

Host: Anna Hemnes Speakers: Jill Maron, Karin Tran-Lundmark, Ana Olga Mocumbi

Women in PH Luncheon, Windsor Barra, 2nd Floor, Alhambra & El Pardo

Lunch break, Windsor Barra, Ground Floor, Barra Restaurant

SESSION 4: Heterogeneity in PH associated with heart disease

Moderators: N	lidhy Varghese, Baktybek Kojonazarov,			
13:00-13:05	Introduction Nidhy Varghese			
13:05-13:20	How do HFrEF & HFpEF affect the pul Charly Lai			
13:20-13:35	Congenital heart disease & the pulmo Shahin Moledina			
13:35-13:42	PH is highly prevalent in rheumatic he review & meta-analysis Katarina Zeder			
13:42-13:50	17β-Estradiol enhances right ventricle oxidation in PAH in a carnitine palmito Simon Bousseau			
13:50-14:05	Animal models of heart disease PH Wolfgang Kübler			
14:05-14:20	Effect of pre and post-tricuspid shunt Rachel Hopper			
14:20-14:50	Refreshment break			
Moderators:	Harm Jan Bogaard, Evan Brittain, Phili			
14:50-14:55	Introduction Harm Jan Bogaard			
14:55-15:10	How can we study the right ventricle t Edda Spiekerkoetter			
15:10-15:25	Advances in imaging RV function in he Rebecca Vanderpool			
15:25-15:32	The role of SMYD2/RUNX2 axis in righ Vandna Sapehia			
15:32-15:40	Patients with group-2 PH in a low-reso Jane Kabwe			
15:40-15:55	Cellular heterogeneity in RV dysfunct Soni Savai-Pullamsetti			
15:55-16:10	Managing RV dysfunction in resource Prashant Bobhate			
16:10-16:30	Panel discussion			
16:30-18:00	Poster presentations			
19:00-23:59	Gala Dinner & Award Presentations,			

10:55-11:10

11:10-13:00

11:10-13:00

Rebecca Vanderpool

Friday 31 January Windsor Oceanico, 3rd Floor, Asia

Ilmonary vasculature & how can we model it?

onary vasculature

eart disease in sub-Saharan Africa: a systematic

e angiogenesis & endothelial cell fatty acid oyltransferase 1-dependent manner

its on the pulmonary vasculature

ilipp Douschan

to develop novel therapies?

numans & animal models with PH

ht ventricular hypertrophy & failure

sources setting: current status

tion

e-limited settings

Windsor Barra, Ground Floor, Louvre



SESSION 5:	The individual exposome & its contribution to PH heterogeneity	SESSION 6: Quantifying therapeutic responses		
Moderators: L	an Zhao, Navneet Dhillon, Harry Karmouty Quintana	Мос	derators:	Patricia Thistlethwaite, Andy Sweatt, Steeve Proven
08:00-08:15	Drug exposures and PH Vinicio de Jesus Perez	12:4	5-13:00	How should we define disease modification? Roham Zamanian
08:15-08:30	Infectious exposures & pulmonary vascular disease Rudolf Oliveira	13:0	0-13:15	Developing imaging surrogates of vascular histol Karin Tran-Lundmark
08:30-08:45	High altitude exposure and PH Silvia Ulrich	13:15	5-13:23	CT-based discrimination of CTEPH using deep le machine learning
08:45-09:00	Early life exposures and pulmonary vascular disease Kara Goss	13:23	3-13:30	Pietro Nardelli Novel insights from functional respiratory imaging
	The Microbiome in PH Sasha Prisco			study: Treprostinil palmitil inhalation powder (TPI patients with PH-ILD Colin Church
09:15-09:45	Refreshment break	13:30	0-13:45	A joint talk with PVRI and PHA USA
Moderators: I	Flavia Navarro, Luke Howard, Rudolf Oliveira			Patient reported outcomes Frances Varian
09:45-10:00	Less considered exposures that contribute to PH Stephen Chan	13:4	5-14:15	Refreshment break
10:00-10:15	Real world activity and exercise perception in PH patients - MyHeart Counts Allan Lawrie	SES	SION 7:	Leveraging disease heterogeneity in clinica
10:15-10:30	Insights from All of Us/EHR Evan Brittain	Мос	lerators:	Jane Leopold, Navneet Singh, Roham Zamanian
10:30-10:37	Novel potential connection between lung microbiome dysbiosis & P2X7R/c-IAP2-regulated endothelial survival in schistosomiasis-associated PH Suellen Darc Oliveira	14:15	5-14:30	What is a platform trial? Charlotte Summers
10:37-10:45	Early recruitment & alternative activation of macrophages initiate pathophysiological changes in pulmonary vasculature upon smoke exposure	14:30	0-14:45	Global perspective & digital trials Caio Tavares
10:45 40:00	Vinita Sharma	14:4	5-15:00	Update in paediatric clinical trials Maria Jesus del Cerro
10:45-11:00	Exposome as a modifiable factor for PH management Bradley Maron	Drag	gon's Dei	n / Shark Tank

15:00-15:05

15:05-15:20

15:20-15:35

15:35-15:50

15:50-16:00

16:00-16:15

Summary Martin Wilkins

Steve Niederer

10:30-10:37	Novel potential connection between lung microbiome dysbiosis & P2X7R/c-IAP2-regulated endothelial survival in schistosomiasis-associated PH Suellen Darc Oliveira
10:37-10:45	Early recruitment & alternative activation of macrophages initiate pathophysiological changes in pulmonary vasculature upon smoke exposure Vinita Sharma
10:45-11:00	Exposome as a modifiable factor for PH management Bradley Maron
11:00-12:45	Lunch break, Windsor Barra, Ground Floor, Barra Restaurant
11:00-12:00	Hot topics from PVRI GoDeep Chairs: Martin Wilkins, Paul Hassoun, Werner Seeger
	 Overview of the GoDeep meta-registry Werner Seeger Risk scores beyond group 1 PH – baseline and follow-up Athiththan Yogeswaran Survival outcomes and Impact of targeted PAH therapy in PoPH Arun Jose PAH-targeted therapies in group 3 PH – PDE5 inhibitor therapy associated
	 with improved survival Khodr Tello Male survival disadvantage in PH: independent of etiology age, disease

survival disadvantage in PH: independent of etiology, age, disease severity, comorbidities and treatment, but race-dependent Evan Brittain



Saturday **1** February Windsor Oceanico, 3rd Floor, Asia

encher

ology to quantify reverse remodeling

learning clot vessel radiomics &

ing (FRI) analysis in phase 2 INS1009-211 PIP) impact on pulmonary vasculature in



cal trial design

Dragons/Sharks: Sonja Bartolome, Ardeshir Ghofrani, Charlotte Summers, Paul Corris

Dragon Den introduction Martin Wilkins

PHoenix trial (rationalising current treatments using implanted devices) Alex Rothman

Stratosphere Baysian trial for BMPR2 mutation carriers Sofia Villar

CRAVE: Canadian Right ventricular AdaptiVE platform trial Jason Weatherald

Building and testing a personal digital twin for PH

