Wednesday Oct 28

08.00 - 09.00	**Registration**	
09.00 - 09.05	**Opening**	R. Berger
09.05 - 10.30	**Introduction to Pediatric Pulmonary Vascular Disease Chairs U. Krishnan and M. Douwes**	
09.05 - 09.35	Pediatric Pulmonary Vascular Disease: Epidemiology, heterogeneity, global burden, current challenges.	M. Mullen
09.35 - 10.00	Understanding the Invisible Burden of Pediatric Pulmonary Hypertension, Patient and family perspectives.	S. Quyam
10.00 - 10.30	Bridging Biology and Bedside: The Right Ventricle–Pulmonary Circulation Interface in PAH	M. Friedberg
10.30 - 11.00	**Break**	
11.00 - 12.30	**Introduction to Neonatal Pulmonary Vascular Disease Chairs: M. van der Laan and M. Del Cerro**	
11.00 - 11.30	Early-Life Programming: from disrupted lung development and vascular injuries to lifelong Pulmonary Vascular Disease	S. Abman
11.30 - 12.00	Beyond BPD: Unraveling Endotypes, Mechanisms, and early detection of associated Pulmonary Hypertension.	A. Hilgensdorff
12.00 - 12.30	“Developmental Lung Disease”: What Do We Mean, When should we consider and How Should We Manage?	E. Austin
12.30 - 13.30	**Posters & Lunch break**	
13.30 - 15.00	**Pulmonary Vascular Disease in Congenital Heart Diseases Chairs: K. Tran-Lundmark and M. Friedberg**	
13.30 - 14.00	Beyond Eisenmenger: Pathophysiology, classifications and current challenges in PAH associated with CHD	J. Wacker
14.00 - 14.30	Flow, Pressure, Time or Genes? Rethinking the Determinants of Reversibility and Progression in PAH–CHD	D. Bonnet
14.30 - 15.00	Vascular Dysfunction in Single Ventricle CHD: Clinical Implications and Molecular Mechanisms	J. Fineman
15.00 - 15.30	**Break**	
15.30 - 17.00	**Oral Abstract presentations Chairs: E. Austin and A. Hilgensdorff**	
15.30 - 15.50	Pulmonary Hypertension in Pediatric Patients: High Altitude Versus Sea Level	Faye Smits
15.50 - 16.10	Outcomes of Transcatheter Atrial Septal Defect Closures in Premature Infants Under 6 Kilograms with Developmental Lung Disease	Emma Jackson
16.10 - 16.30	Mapping the clinical course of Bronchopulmonary Dysplasia-Associated Pulmonary Hypertension: Trajectories and Outcomes	Catarina Lerose
16.30 - 16.50	TBX4 regulates pulmonary pericyte function in vascular development and paediatric pulmonary arterial hypertension	Anoop Cherian
17.00 - 17.15	**Day closure**	

Thursday Oct 29

09.00 - 10.30	**Bridging Genes and Disease: Genetics in Pediatric Pulmonary Vascular Disease** **Chair: M. Kerstjens-Frederikse**	
09.00 - 09.30	From Risk to Reality: Genetic Epidemiology and Counseling in Pediatric Pulmonary Hypertension.	E. Austin
09.30 - 10.00	The TBX4 syndrome: from Developmental Insight to Understanding and Defining Emerging Phenotypes.	M. Prapa
10.00 - 10.30	Variants of Uncertain Significance—or Biology Unexplored? The Case for Deep Phenotyping in Pediatric PH	M. Del Cerro
10.30 - 11.00	**Break**	
11.00 - 12.30	**Understanding Other Forms of Pediatric Pulmonary Hypertension** **Chair: J. Pattathu**	
11.00 - 11.30	The Conundrum of pulmonary hypertension in Pulmonary Vein Stenosis and other Left-Sided Obstructive lesions: Therapeutical options in the current era.	R. Hirsch
11.30 - 12.00	Connecting Liver and Lung: Pathophysiology and Management of Portopulmonary Hypertension"	J. Wacker
12.00 - 12.30	Mixed Hemodynamics, Complex Decisions: Treating Combined Pre- and Postcapillary PH in Children	K. Tran-Lundmark
12.30 - 13.30	**Posters & Lunch break**	
13.30 - 15.00	**Bridging Evidence Gaps: Current and Emerging Therapies in Pediatric Pulmonary Hypertension** **Chairs: S. Quyam and R. Hirsch**	
13.30 - 14.00	Translating current treatment algorithms to outcomes in pediatric PAH.	D. Ivy
14.00 - 14.30	From Promise to Practice: Should Sotatercept Alter the Pediatric PAH Treatment Algorithm? 14.00 - 14.10 Pro 14.10 – 14.20 Con 14.20 – 14.30 Rebuttals	 U. Krishnan M. Del Cerro
14.30 - 15.00	Beyond Drugs: Innovations in Non-Pharmacological Interventions in Pediatric PAH	J. Pattathu
15.00 - 15.30	**Break**	
15.30 - 17.00	**Risk stratification in PH: are we ready for pediatric risk scores?** **Chairs: J. Wacker and D. Bonnet**	
15.30 - 15.50	The PPHNet derived Pulmonary Hypertension Pediatric International Risk Score (PRIS) *(online)*	M. Griffiths
15.50 - 16.10	The TOPP-registry derived Pediatric Risk Score *(online)*	J. Grynblat
16.10 - 16.30	The WSPH-variables derived Pediatric Risk Score from the Dutch registry	Y. Jung
16.30 - 17.00	Why Mapping Risks in pediatric PH matters and are we ready for clinical use?	S. Moledina
17.00 - 17.15	**Day closure**	
19.00 - 22.00	**Conference dinner**	

Friday Oct 30

09.00 - 10.30	**Advancing Evidence in Pediatric PH: Clinical Trials, Endpoints, and the Road Ahead Chairs: S. Moledina and D. Ivy**	
09.00 - 09.30	Why Are Pediatric PAH Trials So Difficult?	S. Abman
09.30 - 10.00	Unlocking Trials in Pediatric PAH: From Harmonized Regulatory Frameworks to Innovative Drug Development Strategies	S. Nikkho
10.00 - 10.30	From Signals to Approval: A Real-World Case of Bridging Biomarkers in Pediatric PAH	J. Borissoff
10.30 - 11.00	**Break**	
11.00 - 12.30	**Small Numbers, Big Data: Combining Registries in Pediatric Pulmonary Hypertension Chairs: M. Mullen and S. Abman**	
11.00 - 11.20	Mapping the Field: Pediatric PH Registries and the Challenge of Data Integration *(online)*	M. Griffiths
11.20 - 11.40	What Do We Gain from Going Deep? Insights from the PVRI GoDeep Meta-Registry *(online)*	K. Tello
11.40 - 12.00	Going Deeper Together: Why Pediatric PH Registries Should Join PVRI GoDeep and what does it take?	A. Hilgerdorff
12.00 - 12.30	Forum discussion with representatives of pediatric PH registries	PPHNet registry TOPP-registry UK-registry Spanish registry Dutch registry French Registry Polish Registry
12.30 - 13.30	**Posters & Lunch break**	
13.30 - 16.15	**Career celebration symposium Chairs: E. Liem and M. Douwes**	
13.30 - 13.55	35 years advancements in Pediatric Pulmonary Hypertension	D. Ivy
13.55 - 14.10	Pulmonale hypertensie - perspectief van een patiënt en zijn ouders	Besselink family
14.10 - 14:30	The Fontan Circulation	J. van Melle
14.30 - 15.00	**Break**	
15.00 - 15.25	From auscultation to AI in pediatric cardiology	M. Douwes
15.25 - 15.50	80 years UMCG Center for Congenital Heart Diseases	E. Verhagen
15.50 - 16.10	Ceremonies	
16.10 - 16.30	'Last Words'	R. Berger
16.30 - 18.00	**A Little Farewell Reception/Drinks**	