

Amsterdam Cardiovascular Sciences

# 10<sup>th</sup> Annual ACS symposium

Thursday December 12, 2024

08.15-09.00	Registration & Coffee
09.00-09.05	Opening by young ACS: Annette Neele
09.05-09.40	<b>Chairs: Annette Neele &amp; Stefan Smorenburg</b> <b>Clinical Keynote: Dr. Ronak Delewi</b> <i>“Transcather aortic valve implantation in patients with severe aortic stenosis - where do we go from here?”</i>
09.40-10.05	<b>Chairs: Elena Rampanelli &amp; Camiel de Roy van Zuijdewijn</b> <b>Oral session 1</b>
	#82 <b>Molly O’Reilly</b> <i>“Forward and reverse neuro-cardiac remodelling in a mouse model of CPVT”</i>
	#83 <b>Jaap Schuurmans</b> <i>“Effect of a Machine Learning-Derived Early Warning Tool with Treatment Protocol on Hypotension during Cardiac Surgery and Intensive Care Unit Stay”</i>
10.05-10.20	<b>Chair: Vincent Jongkind</b> <b>Pitch poster session 1 (Even abstract numbers)</b>
	#48 <b>Rio Juni</b> <i>“Decoding HFpEF Pathomechanisms: dysregulation of lncRNA IRENE impairs endothelial-cardiomyocyte cross-talk”</i>
	#31 <b>Christian Krijger</b> <i>“Novel risk predictor of arrhythmias for patients with potassium channel related congenital Long-QT Syndrome”</i>
	#12 <b>Xiaomeng Zhang</b> <i>“The role of platelet glucose metabolism in microvascular complications of diabetes mellitus”</i>

#18	<b>Daan Bosshardt</b> <i>"Aortic Motion Derived from CMR as Potential New Marker for Aortic Disease Severity in Marfan Syndrome"</i>
#38	<b>Barbara Verhaar</b> <i>"Plasma metabolite profiles and blood pressure in the HELIUS study: the role of formylmethionine"</i>
10.20-11.10	Poster session 1 with coffee (Even abstract numbers)
11.10-12.00	<b>Chairs: Jeffrey Kroon &amp; Marielle van de Veerdonk</b> Oral session 2
#78	<b>Lucas Celant</b> <i>"Phenotypic clustering of right heart dilatation in pulmonary arterial hypertension"</i>
#81	<b>Rocco Caliandro</b> <i>"Zeb2os Hinders Cardiac Healing by Suppressing ZEB2 Reactivation and Cardiomyocyte Dedifferentiation"</i>
#76	<b>Carolina Jansen</b> <i>"Left Atrioventricular Coupling Index as a Novel Non-Invasive Marker for Detection of Heart Failure with Preserved Ejection Fraction"</i>
#80	<b>Koen Prange</b> <i>"Macrophage content and inflammatory lipid-associated macrophage markers in human carotid plaques predict future major adverse cardiovascular events"</i>
12.00-12.35	<b>Chairs: Malou van den Boogaard &amp; Tyler Kirby</b> Basic Science keynote: Prof. Dr. ir. Jeroen Bakkers <i>"The Fish that Heals: Unraveling the Mysteries of Cardiac Regeneration"</i>
12.35-13.25	Lunch
13.25-13.35	<b>Dr. Ronak Delewi &amp; Prof. Dr. Menno de Winther</b> Overview of the past & new year by ACS directors
13.35-14.00	<b>Chairs: Anke Tijssen &amp; Pim van Ooij</b> Oral session 3
#77	<b>Romain Meer</b> <i>"The Association between Peripheral Medial and Intimal Arterial Calcification Patterns with Central Arterial Stiffness and Heart Failure with Preserved Ejection Fraction in Individuals with Type 2 Diabetes Mellitus: The EARLY-HFpEF Study"</i>
#79	<b>Rosalie Kempkes</b> <i>"EZH2 inhibition reduces macrophage inflammatory responses in atherosclerosis"</i>
14.00-14.15	<b>Prof. Dr. Bert-Jan van den Born</b> <i>"HELIUS and why it matters for ACS"</i>
14.15-14.30	<b>Chair: Tyler Kirby</b> Pitch poster session 2 (Odd abstract numbers)

#51	<b>Robert van Duin</b> <i>“Sodium-mediated blood pressure increase in CKD and DKD patients coincides with vasodysfunction“</i>
#11	<b>Fernanda Bosada</b> <i>“Investigating Wt1 in Brugada syndrome pathophysiology”</i>
#13	<b>Tong Xu</b> <i>“The role of GNAQR183Q Mutated Endothelial Cells in Capillary Malformations”</i>
#1	<b>Amber Korn</b> <i>“Ultrasound combined with microbubbles has no therapeutic effect on atherosclerotic plaques of the aorta in diabetic ApoE-/- mice”</i>
#73	<b>Moyan Liu</b> <i>“The Natural Metabolite 6-halo-tryptophan Ameliorates Adiposity in vivo and Promotes Lipid Catabolism”</i>
14.30-15.20	Poster session 2 with coffee (Odd abstract numbers)
15.20-15.55	<b>Chairs: Anke Tijssen &amp; Pim van Ooij</b> <b>Valorisation keynote: Prof. Henk Marquering</b> <i>“Jump into the deep with the smart bathing cap”</i>
15.55-16.15	<b>Dr. Ronak Delewi and Prof. Dr. Menno de Winter</b> Awards Ceremony
15.55-16.00	Best publication award
16.00-16.05	OOTB grants
16.05-16.15	Best short talks + Best poster Pitches
16.15-17.15	Reception