

Amsterdam Cardiovascular Sciences

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

Tuesday September 20, 2022

Felix Meritis, Keizersgracht 324, Amsterdam

08.30-09.00	Registration
09.00-09.50	<b>Opening</b> Chairs: Tyler Kirby & Malou van den Boogaard Concertzaal
09.00-09.05	Introduction by ACS director prof. dr. Jolanda van der Velden
09.05-09.50	<b>Keynote 1: prof. dr. Alexander Vlaar (Amsterdam UMC)</b> <i>Hypotension Management in the ICU: Time to Change?</i>
09.50-10.15	<b>Orals session 1</b> Chairs: Elena Rampanelli & Nick van Es Concertzaal
	1. Naoual Ouazzani Chahdi <i>The role of transglutaminase-2 in red blood cells in venous thrombosis</i>
	2. Katie Hanford <i>Attenuating inflammation and atherosclerosis progression: a role for endothelial fatty acid oxidation?</i>
10.15-10.30	<b>Pitch poster session 1 (odd abstract numbers).</b> Chair: Anke Tijssen Concertzaal
	25. Xiaoling Li <i>Sodium glucose co-transporter inhibitor empagliflozin prevents endothelial dysfunction induced by oscillatory shear stress via inhibition of reactive oxygen species generation</i>
	29. Jianan Wang <i>Gene Transfer of SCN10A-short Improves Cardiac Conduction in WT and Scn5aHet Mice</i>
	59. Ukhti Rustiasari <i>Platelet-induced Macrophage Extracellular Traps in Diabetic Nephropathy</i>
	61. Fabienne Podieh <i>Continuous synthesis and ubiquitination-dependent degradation of RhoB, but not of RhoA, stabilizes endothelial integrity</i>

10.30-11.25	<b>Poster session 1 with coffee (odd abstract numbers)</b> Shaffyzaal
11.25-12.10	<b>Keynote 2: prof. dr. Judith Sluimer (Maastricht UMC+)</b> <i>Oxygen sensors link cholesterol, inflammation and fibrosis in atherosclerosis</i> Chairs: Jeffrey Kroon & Annette Neele Concertzaal
12.10-12.30	<b>Pitch poster session 2 (even abstract numbers)</b> Chair: Tyler Kirby Concertzaal
	10. Mitchel Molenaar <i>High impact of valvular heart disease in patients with chronic coronary syndrome</i>
	54. Merel Peletier <i>Introducing a novel heart-on-chip system to model Ischemia Reperfusion Injury</i>
	66. Dagmar van Mourik <i>The effect of a gut microbiome intervention on antiphospholipid syndrome: the ROMAS study</i>
	18. Qian Wang <i>SGLT2 inhibitors are cardioprotective, but permanent SGLT2 deletion does not protect the heart against acute infarction</i>
	44. Madelief Marsman <i>Heat-induced conduction acceleration in a sodium channel deficient mouse model</i>
	22. Thomas Bouwmeester <i>Association between the reflection magnitude and blood pressure in a multi-ethnic cohort: the HELIUS study</i>
12.30-13.15	<b>Lunch</b> Zuilenzaal

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13.15-14.00	<b>Poster session 2 (even abstract numbers)</b> Shaffyzaal
14.00-14.45	<b>Orals session 2</b> Chairs: Camiel de Roy van Zuidewijn & Anke Tijssen Concertzaal
	3. Daan Bosshardt <i>The effect of resveratrol on aortic function in patients with Marfan syndrome (Resvcue)</i>
	4. Rio Juni <i>Dysregulation of cardiac endothelial lncRNA H19 in COVID19 patients induces endothelial dysfunction leading to impaired cardiomyocyte function</i>
	5. Azar Kianzad <i>Long-term effects of pulmonary endarterectomy on right ventricular stiffness and fibrosis in chronic thromboembolic pulmonary hypertension</i>
	6. Alexandra Wiesinger <i>A single cell transcriptional roadmap of human pacemaker cell differentiation</i>
14.45-15.15	<b>Plenary session</b> Chairs: Anke Tijssen & Nick van Es Concertzaal
14.45-15.00	Dr. Kirsten Douma (Confidential Counselor for PhD students & AMR staff)
15.00-15.15	Dr. Geert Boink (valorization officer ACS)
15.15-15.45	Coffee Break Zuilenzaal
15.45-16.10	<b>Orals session 3</b> Chairs: Elena Rampanelli & Camiel de Roy van Zuidewijn Concertzaal
	7. Yang Xiao <i>The innate immune receptor NLRX1 in cardiac I/R injury: a novel regulator of mitochondrial pore opening</i>
	8. Wiert Hoeksema <i>Cardiac radioablation does not worsen cardiac function: preliminary safety results of the prospective STARNL-1 trial</i>
16.10-16.45	<b>Closing session</b> Chairs: Annette Neele & Malou van den Boogaard Concertzaal
16.10-16.40	<b>Keynote 3: prof. dr. Henkjan Honing (UvA)</b> <i>What makes us musical animals, the evolving animal orchestra</i>
16.40-16.45	Awards ceremony
16.45-17.45	<b>Reception</b> Zuilenzaal

