Amsterdam Cardiovascular Sciences

12th Annual ACS symposium

Thursday December 10, 2026

Please note that the program is subject to minor changes.

08.15-09.00	**Registration & Coffee**
09.00-09.10	**Opening by ACS directors** Ronak Delewi & Menno de Winther
09.10-10.00	Chairs: Elena Rampanelli & Rik Olde Engbrink **Oral session 1** *(8min presentation + 4 min discussion)*
#1	Barbra Backus *"Implementation of high sensitive point of care troponin in the prehospital setting, a before-after trial"*
#2	Lily Jalink *"Novel endothelial-derived protein CADENS enhances cardiomyocyte contraction and relaxation in HFpEF co-culture model"*
#3	Jonathan Overeem *"Early-life exposure to air pollution programs hypertension and cardiac remodeling in male offspring"*
#4	Fabries Huiskes *"Integrated atrial transcriptomic and electrophysiological profiling reveals possible drivers of atrial cardiomyopathy associated with atrial fibrillation"*
10.05-10.20	Chair: Vincent Jongkind **Pitch poster session 1: even abstract numbers** *(3min pitch)*
#12	Luke Carroll *"Spatially resolved cell-cell interaction profiling of human atherosclerotic lesions across vascular beds"*
#14	Mingxin Huang *"Aging associated macrophage-derived CXCL8 aggravates calcium handling in atrial cardiomyocytes to promote postoperative atrial fibrillation"*

#16	Marre Corver *"Resting 12-lead ECG-predicted VO_2max as a scalable phenotype for genetic studies of cardiorespiratory fitness"*
#18	Meryl Moroni *"NR2F1 and GATA6 Direct Mesodermal Progenitors Towards a Pacemaker Cell Fate"*
#20	Leon Doncev *"Single center outcomes of fenestrated and branched endovascular aortic repair for thoracoabdominal aortic aneurysms"*
10.20-11.10	***Poster session 1 with coffee (Even abstract numbers)***
11.10-11.50	Chairs: Charissa van den Brom & Tom Collins **Oral session 2** *(8min presentation + 4 min discussion)*
#5	Gijs Broeze *"Coronary revascularization versus conservative management in patients undergoing transcatheter aortic valve replacement: an individual participant data meta-analysis with extended follow-up"*
#6	Laura van Keep *"Integrating innate and adaptive immunity into a human 3D plaque-on-chip model of atherogenesis"*
#7	Ilse Altenburg *"Cell-to-cell variability in cardiomyocyte drug response revealed by single-cell perfusion"*
11.50-12.30	Chairs: Vincent Christoffels + Vincent Jongkind **Keynote Lecture: Dr. Gerry Nicolaes** *"title TBA"*
12.30-13.20	***Lunch***
13.20-14.00	Chairs: Aida Valldeperas & Marion van Vugt **Oral session 3** *(8min presentation + 4 min discussion)*

#8	Tessel Huibregtsen *"Deep Learning Prediction of CMR-Derived Structural and Functional Traits from the 12-Lead ECG"*
#9	Eva Larose *"Endothelial KLF2 Regulates Cardiomyocyte Function: Insights from Human Cardiac Microvascular Endothelial Cells"*
#10	Ruud Visser *"Reliable hardware-free biological pacing enabled by a novel compact cardiomyocyte-specific bidirectional promoter driving HCN4t/B2AR expression"*
14.00-14.15	Chair: Pim van Ooij **Pitch poster session 2: odd abstract numbers** *(3min pitch)*
#11	Thirza Lapré *"Transcriptional Regulation of Inflammatory Lipid-Associated Macrophages in Atherosclerosis"*
#13	Yu Lam *"Monitoring and Regulation of Cerebral Blood Flow during the Initiation of Veno-Venous Extracorporeal Membrane Oxygenation"*
#15	Paola Serrano Martinez *"iPSC-derived blood vessel organoids for studying chronic hypoxia-induced microvascular dysfunction"*
#17	Ricky Siebeler *"H3K9 demethylase KDM3A potentiates interferon signaling and macrophage-driven inflammation in atherosclerosis"*
#19	Lennart van de Velde *"Optical coherence tomography during endovascular treatment of femoropopliteal lesions changes the treatment strategy"*
14.15-15.05	***Poster session 2 with coffee (Odd abstract numbers)***
15.05-15.15	Chair: Stefan Smorenburg **Best Publication Pitches** (3min pitch)

	Rocco Caliandro *"Zeb2os Hinders Cardiac Healing by Suppressing ZEB2 Reactivation and Cardiomyocyte Dedifferentiation"*
	Xin Hu *"The early metabolic cardiac targets of empagliflozin during the development of heart failure, independent of SGLT2 inhibition"*
	Jianan Wang *"AAV-mediated long-term TBX18 expression causes cardiac fibrosis and fails to induce pacemaker activity in rodents"*
15.15-15.55	Chairs: Annette Neele & Josephine Tan **Keynote Lecture: Dr. Teresa Gerhardt** *"title TBA"*
15.55-16.15	**Awards Ceremony** Ronak Delewi & Menno de Winther
15.55 – 16.05	*Best oral session talks & poster pitches*
16.05-16.10	*Best publication award*
16.10-16.15	*ACS Out of the Box 2026 & ACS valorization grant 2026*
16.15-17.30	***Reception***