

Amsterdam Cardiovascular Sciences

7th Annual ACS symposium

Date: Tuesday October 5, 2021

Location: Compagnietheater (Kloveniersburgwal 50, Amsterdam)

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|-------------|---|
| 08:30-09:00 | Registration |
| 09:00-09:05 | Introduction by ACS directors: Jolanda van der Velden & Arthur Wilde |
| 09:05-09:50 | Keynote 1: Jolanda Kluin; <i>Towards a hybrid heart</i> |
| 09:50-10:02 | <i>Milou Madsen (Internal medicine, Physiology Vumc)</i>
Erythrocytosis related cardiovascular risk might be caused by iron-induced damage of the vascular endothelium |
| 10:02-10:14 | <i>Pablo Montanes Agudo (Experimental Cardiology, AMC)</i>
The RNA-binding protein QKI governs a muscle-specific alternative splicing program that shapes the contractile function of cardiomyocytes |
| 10:15-10:30 | Pitch poster session 1: odd abstract numbers: Aukie Hooglugt, Sanne Verberk, Jael Copier, Hung-Jen Chen, Myrthe Reiche |
| 10:30-11:15 | Poster session 1 with coffee (odd abstract numbers) |
| 11:15-12:00 | Keynote 2: Eike Latz; <i>NLRP3 inflammasome activation in metaflammation</i> |
| 12:00-12:15 | Pitch poster session 2: even abstract numbers: Erik Bakker, Karl Harber, Amber Korn, Lucia Cocera Ortega, Vanessa Meyn |
| 12:15-13:15 | Lunch |
| 13:15-14:00 | Poster session 2: even abstract numbers |

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- 14:00-14:12 *Aida Lluica-Valldeperas (Pulmonary Medicine, Vumc)*
On going development of a human 3-dimensional tissue-engineered model to study right heart failure
- 14:12-14:24 *Sabrina Doelare (Vascular Surgery, AMC)*
Microbubbles and UltraSound-accelerated Thrombolysis (MUST) for peripheral arterial occlusions: the outcomes of a single-arm phase-II-trial
- 14:24-14:36 *Carmen Yap (Medical Biochemistry, AMC)*
The antibiotic doxycycline changes aortic smooth muscle cell metabolism and phenotype
- 14:36-14:48 *Tatjana Josefs (Physiology, VUmc)*
Aging and its effect on atherosclerosis at a single-cell level
- 14:50-15:05 Introduction mentor system and poll (Jan, Nick/Jeffrey)
- 15:05-15:45 Coffee break
- 15:45-15:57 *Jeroen Wessels (Pulmonology, VUmc)*
Right Atrial Adaptation in Pulmonary Hypertension: In-depth Pressure-Volume Analysis
- 15:57-16:09 *Edgar Nollet (Physiology, VUmc)*
Western diet triggers cardiac dysfunction in a heterozygous Mybpc3 knock-in hypertrophic cardiomyopathy mouse model

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16:10-16:40 Keynote 3: Ulf Dittner (Institute of Virology, Essen)

The vascular endothelium: the cornerstone of organ dysfunction in severe SARS-CoV-2 infection

16:40-16:45 Awards ceremony

16:45-17:45 Reception