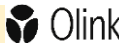


Cardiovascular Research Meeting 2026

Tuesday 13th January 2026



09:00-10:00	Registration and Welcome Coffee
10:00-10:10	Welcome note from the President of the LS² Intersection Cardiovascular Biology: Sarah Longnus (Bern)
10:10-12:00	Cardiac Session 1
Chairs	Marie Noëlle Giraud, Gabriela Kania
10:10-10:40	Plenary speaker 1 Sean Davidson (University College London, UK) A New Approach to Targeting PI3-Kinase for cardioprotection
	<u>Talks selected from abstracts (7 min + 3 min Q&A)</u>
10:40-10:50	Linda Clochard Role of Pannexin1 in cardiac repair after ischemia-reperfusion
10:50-11:00	Anja Helmer Sex-dependent recovery of left ventricular function and corresponding gene expression in a rat model of donation after circulatory death (DCD)
11:00-11:10	Natalia Atzemian Epigenetic control of renal dysfunction in HFpEF: chromatin remodeling as a driver of cardio-renal maladaptation
11:10-11:20	Greta Scherler AKAP2 is a new regulator of collagen secretion in cardiac myofibroblasts
11:20-11:30	Christian Zuppinger Development of a laser injury model using human cardiac spheroids
11:30-12:00	Plenary speaker 2 Dario Diviani (University of Lausanne) Spatial control of cardiac repair and fibrosis: roles of A-kinase anchoring proteins
12:00-13:00	Lunch break
13:00-14:50	Vascular Session 1

Chairs	Marie-Luce Piallat, Giovanni Camici
13:00-13:30	Plenary speaker 3 Gemma Vilahur (Sant Pau Research Institute, ES) Impact of metabolic alterations on the Bone Marrow-Heart axis in ischemic heart disease
	<u>Talks selected from abstracts (7 min + 3 min Q&A)</u>
13:30-13:40	Soumaya Es Sarhdaoui Studying the pathogenesis of atherosclerosis: Role of S100A4-expressing cells
13:40-13:50	Bryce Evans ChemR23 prevents phenotypic switching of vascular smooth muscle cells into macrophage like foam cells in atherosclerosis.
13:50-14:00	Valeria Masciovecchio Alveolar macrophages are drivers of endothelial damage in obese HFpEF-related pulmonary hypertension
14:00-14:10	Silvia Ortona Multi-marker analysis of carotid atherosclerotic plaques reveals stress-response and neuro-immune pathways associated with vulnerability
14:10-14:20	Amedeo Tirandi Zinc-alpha-2-glycoprotein relates to worse neurological outcomes in acute ischemic stroke patients and disrupts the endothelial integrity of the blood-brain barrier
14:20-14:50	Plenary speaker 4: Marco Bacigaluppi (University of Zurich) Unraveling immune cell dysregulation in stroke under frailty conditions
14:50-15:15	Flash talks preceding poster discussion <i>Posters: TBA</i>
Chairs	TBA
15:15-16:30	Coffee break and poster session Evaluation committee: tba
16:30-16:45	Industry talk Lutz Priebe (sFAS Olink Proteomics, Part of Thermo Fisher Scientific) Next-generation proteomics with Olink® - Advancing diagnostics and therapeutics
	
16:45-17:45	Keynote speaker Chairs Giovanni Camici, Sarah Longnus

Arnold von Eckardstein (University of Zurich)

Endocytosis, Transcytosis, and Retroendocytosis of HDL: Mechanisms, pathophysiology, and options for clinical exploitation

19:15 **Meeting Dinner** (*Upon previous registration*)

Wednesday 14th January 2026

9:00-10:50

Cardiac Session 2

Chairs

Jan Kucera, Lucio Barile

09:00-09:30

Plenary speaker 5

Antonio Zaza (Università degli Studi di Milano-Bicocca, IT)

Type 2 long QT syndrome: a HERG problem only?

09:30-09:40

Talks selected from abstracts (7 min + 3 min Q&A)

Marina Vannucci

Computational modelling of ephaptic interactions between a pair of cardiomyocytes exposed to an extracellular electric field pulse: an approach to predict transmembrane potentials in intercalated discs

09:40-09:50

Enaam Chleilat

Translational Development of a Dual-Zone Reperfusion Catheter to Prevent Perivascular Excitation Tunnelling-Associated Arrhythmias

09:50-10:00

Claudia Altomare

Genetic and Stress-Induced Senescence Converge on Mitochondrial and Electrophysiological dysfunction in Human iPSC-Derived Cardiomyocytes

10:00-10:10

Shaista Ahmed

Fibrin–Bone Marrow Cell Secretome Induces a Reparative Arg1⁺ Macrophage Phenotype Potentially Mediating Cardiac Repair

10:10-10:40

Plenary speaker 6

Nina Cabezas-Wallscheid (ETH Zürich)

Modulation of bone marrow haematopoietic stem cell activity as a therapeutic strategy after myocardial infarction: a preclinical study

10:40-10:55

Industry talk

Priska Schorlemmer (ADInstruments)

Accuracy matters. About the relevance of data quality in life science research



10:55-11:20

Flash talks preceding poster discussion (1 min max)

Posters: TBA

Chairs	TBA
11:20-12:35	Coffee break and poster session <i>Evaluation committee: TBA</i>
12:35-13:35	Lunch break
13:35-13:55	Cardiovascular working group: General Assembly
13:55-15:45 Chairs	Vascular Session 2 Nathalie Rosenblatt, Andrea Banfi
13:55-14:35	Plenary speaker 7 Tatiana Petrova (UNIL – CHUV) Mechanisms and functions of vascular specialization
14:25-14:35	<u>Talks selected from abstracts (7 min + 3 min Q&A)</u> Nunzia Di Maggio Functional and persistent microvascular networks in a VEGF-decorated matrix: a vascularization module
14:35-15:45	Alessandra Vescovi VEGF chemically modified mRNA-loaded matrix for vascularized bone engineering
14:45-15:55	Ellen Kossmann Endothelialized Cardiac Microtissues to Model Fibrotic and Microvascular Changes
14:55-15:05	Martin Flück RAS Blockade compensates for the Hypertensive and Fibrotic Effects of ACE2 Inhibition
15:05-15:35	Plenary speaker 8 Niels Riksen (Radboud University Medical Center, NL) Innate immune cell reprogramming in the pathophysiology of atherosclerosis
15:35-15:50	Small break to summarise votes
15:50–16:05	Award Ceremony Sarah Longnus (Bern) / Lucio Barile (Lugano)
16:05-16:10	Closing remarks from the president of the LS² Cardiovascular Biology Inter-Section: Sarah Longnus (University of Bern)