Immune, metabolic and vascular actions in hypertension

Freitag, 04. Dezember 2026, 11:30-15:30 Uhr

Raum: Tagungsraum 3

Session 8: Best Abstract Session

Tagungsraum 1/2 | 09:00-10:00

Vorsitz: PD Dr. med. Sebastian A. Potthoff, Mettmann / Prof. Dr. med. Bernhard Krämer, Mannheim

Authors of projects presented in Session 8 will also attend our seminar. To give more researchers a chance to present, these talks will not be repeated here. Please try to attend Session 8 to foster discussion and interaction in our seminar.

11:30-11:40	Introduction (Hendrik Bartolomaeus and Johannes Stegbauer)

Session A: Human models and interventions

Chairs: Franziska Fuckert / Moritz Wimmer

11:40-12:10	Opening perspective: Good Scientific Sustainable Practice: Integrating Resource-Conscious Decision-Making into Biomedical Research Design Mina Kaufhold (Berlin)
12:10-12:27	Combined Maqui Berries and Probiotic Supplementation Lowers Blood Pressure and Improves Arterial Distensibility Without Detectable Vascular or Oxidative Stress Changes in Hypertension Marcos Rocha Alves (Copenhagen)
12:27-12:44	The effect of exercise on microvascular function and blood pressure in untreated hypertensive individuals Ann-Kathrin Böddeker (Düsseldorf)
12:44-13:01	High Salt Intake Rapidly Affects Human Naïve T Cell States Olena Potapenko (Berlin)
13:01-13:18	A single-cell atlas of healthy and preeclamptic placentas benchmarks explant and organoid models Olivia Nonn (Berlin)
13:20-13:40	Break

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Session B: Immune and metabolic mechanisms

Chairs: Mina Kaufhold / Roman Weins

13:40-14:10	Opening perspective: Using novel tools to answer old questions - sex differences in immune and stromal responses to myocardial infarctions Ecem Sakalli (Würzburg)
14:10-14:27	Investigating the Protective Role of Mutant PDE3A Against Hypertension-Induced Cardiac Damage Using Tissue-Specific Knockout Mouse Models Julian P. Bhowmik (Hamburg)
14:27-14:44	Imidazole propionate promotes cardiac fibrosis and dysfunction through p38γ signaling Vanasa Nageswaran (Bochum)
14:44-15:01	Antibiotic-Guided Microbiome Screening Identifies Protective Ligilactobacillus murinus in Experimental Hypertension Moritz Wimmer (Berlin)
15:01-15:18	Insights into altered mitochondrial function in chronic kidney disease with and without diabetes Jaroslawna Meister (Düsseldorf)

15:20-15:30	Conclusion (Hendrik Bartolomaeus and Johannes Stegbauer)