

HUPO Workshop: Moving to precision medicine: solving cardiovascular disease

2 April 2017 | Potsdam, Germany

- 14:00–14:05 Introduction and Welcome**
Christoph Borchers (Victoria, CA)
- 14:05–14:35 Connecting the dots: digital objects in cardiovascular diseases.**
Peipei Ping (Los Angeles, CA/US)
- 14:35–15:05 Scalability of antibodies use in tracking chronic disease**
Jochen Schwenk (Solna/SE)
- 15:05–15:16 Longitudinal Proteomics of Cardiac Tissue Highlights Decrease of Extracellular Matrix Proteins in Left Ventricular Assist Device Therapy**
Jasmin Hasmik Shahinian (Basel/CH), Bettina Mayer
Stefan Tholen, Hannah Füllgraf, Selina Kiefer, Peter Bronsert, Kerstin Brehm, Martin L. Biniossek, Ulrike Heizmann
Claudia Heilmann (Freiburg/DE), Florian Reuter, Martin Grapow, Oliver Thomas Reuthebuch, Friedrich Eckstein (Basel/CH)
Friedhelm Beyersdorf, Matthias Siepe
Oliver Schilling (Freiburg/DE)
- 15:16–15:27 In-depth Protein Expression Analysis of Histamine Stimulated Human Umbilical Vein Endothelial Cells to Evaluate Functional Selectivity of Histamine Receptor Ligands**
Pelin Esma Emirbayer (Erlangen/DE), Ankit Sinha
Vladimir Ignatchenko, Thomas Kislinger (Toronto/CA), Monika Pischetsrieder (Erlangen/DE)
- BREAK**
- 16:00–16:30 Start at the end: Developing and delivering mass spectrometry diagnostic tests of clinical utility**
Stephen Pennington (Dublin/IR)
- 16:30–17:00 Plasma Proteomics in Epidemiology: Very Low-Density Lipoprotein Associated Apolipoproteins Predict Cardiovascular Events and Are Lowered by Inhibition of ApoC-III**
Manuel Mayr (London/GB)
- 17:00–17:11 Exogenous blood plasma peptides**
Georgij Arapidi, Maria Osetrova, Tatjana Saveleva
Polina Pavlovich, Olga Ivanova, Victoria Shender
Ivan Butenko, Nikolay Anikanov, Rustam Ziganshin
Vadim Ivanov, Vadim Govorun (Moscow/RU)
- 17:11–17:22 Proteomic and Lipidomic differences of the plasma elimination rate of current lipoprotein apheresis methods**
Gerd Schmitz, Stefan Wallner, Silke Matysik (Regensburg/DE), Jürgen Gräßler (Dresden/DE)
Christoph Borchers (Victoria, BC/DE), Ulrich Julius (Dresden/DE), Helmut E. Meyer (Dortmund/DE)
- 17:22–17:30 Summary**
Jennifer van Eyk (Los Angeles, CA/US)