

Agenda:
**1st Edition Multiomics in
Translational Cardiology Webinar**

Please visit next page for speaker details



Prof. Francesco Paneni; Dr. Matthias Unterhuber; Dr. Sarantis Chlamydas

Introduction



Dr. Matthias Unterhuber

“Proteomics from the clinical perspective: Where are we going?”



Dr. Karl-Philipp Rommel

“Proteomics to decipher HFpEF”



Dr. Andrea Baragetti

“Potentialities of targeted plasma proteomics for the assessment of cardiovascular disease risk and pre-clinical atherosclerosis“



Dr. Sarantis Chlamydas

“Precision proteomics broadens MultiOmics repertoire in disease research area”



Prof. Nazha Hamdani

“Molecular phenotyping of the HFpEF myocardium“



Dr. Cristina Gil-Cruz

“Dissecting the Cellular Landscape in Inflammatory Cardiomyopathies”



Prof. Sam El-Osta

“Leveraging Deep Omics to Understand the Cardiovascular Epigenome”

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Prof. Francesco Paneni

Francesco Paneni is Professor of Cardiology, Head of the Cardiometabolic Division at the University Heart Center and Director of the Zurich Center for Translational and Experimental Cardiology (CTEC) at the University of Zurich. Moreover, Prof. Paneni is Cardiopulse Editor for the European Heart Journal and Associate Editor for the International Journal of Cardiology and Cardiovascular Diabetology.

Dr. Matthias Unterhuber

Matthias Unterhuber is currently working at the Heart Center Leipzig. His scientific work puts the emphasis on implementation of advanced machine learning techniques in clinical precision medicine, especially focusing on valvular and structural heart disease.

Dr. Karl-Philipp Rommel

Dr. Rommel is an attending interventional cardiologist at Heart Center Leipzig, GER and currently acting as a visiting scholar at Cardiovascular Research Foundation, NY, US. His scientific work has focussed on pathomechanistic and phenotypic characterization of HFpEF, both hemodynamically and using multi-omics approaches.

Dr. Andrea Baragetti

Dr. Andrea Baragetti is an Assistant Professor of Pharmacology at the Department of Pharmacological and Biomolecular Sciences of the University of Milan. Since 2021, he is also a lead researcher of the Laboratory of Genetics and Cardiovascular Genomics at the Centre for the Study of Atherosclerosis, IRCCS Multimedica Hospital in Milan.

Dr. Sarantis Chlamydas

Dr. Chlamydas is a Scientific Director specializing in MultiOmics at Olink Proteomics since 2021. He conducted his PhD in Molecular Biology and Genetics at the University of Bari and the Max Planck Institute of Immunobiology and Epigenetics. He continued his research as a research fellow in the Max Planck Institute, leading Epigenetics and Gene regulation.

Prof. Nazha Hamdani

Prof. Hamdani is the head of Molecular and Experimental Cardiology in St-Josef Hospital Bochum at the Ruhr University Bochum. His research focuses on the understanding of the basic pathophysiology of heart failure with preserved ejection fraction (HFpEF), to novel therapeutic and diagnostic testing, ultimately targeting clinical trials to point-of-care patient applications.

Dr. Cristina Gil-Cruz

Cristina Gil-Cruz obtained a PhD in Immunology (National Polytechnic, Mexico City, Mexico). During her PhD she spent a period in the laboratory of Prof. Adam Cunningham (University of Birmingham, UK). She was awarded with the Pfizer research prize in 2017 and 2021.

Prof. Sam El-Osta

Prof. Sam Sam is a NHMRC Senior Research Fellow, head of the Human Epigenetics team at Monash University and is internationally recognised with more than 200 articles published in journals like Circulation and Circ Res, Eur Heart J, Nucleic Acids Res, Signal Transduct Target Ther, Nat Comm, Regen Med, Diabetes, Sci Adv, Cell Rep and JCI Insight.