

SCIENTIFIC MANAGEMENT | WISSENSCHAFTLICHE LEITUNG UND BERATENDE KOMMISSION



Prof. Dr. Nazha Hamdani
Bochum



PD Dr. Ibrahim El-Battrawy
Bochum



Prof. Dr. Andreas Mügge
Bochum



Prof. Dr. Francesco Paneni
Zürich



Prof. Dr. Arash Haghikia
Bochum

REGISTRATION | ANMELDUNG

Written registration is not required.
However, a short informal one supports us and is very
helpful for the event organization.

Form at www.med-fortbildung.nrw/hks
or via email: anmeldung@med-fortbildung.nrw



Participation in this medical
training is free of charge.

Die Teilnahme an dieser ärztlichen Fortbildung
ist kostenlos.

LOCATION | VERANSTALTUNGSORT

Hörsaalzentrum, Universitätsklinikum
St. Josef-Hospital, Ruhr-Universität Bochum
Gudrunstraße 56, 44791 Bochum (Germany)

ORGANIZER | VERANSTALTER



mattt.production
Thorsten Rölleke
Am Bergbaumuseum 43, 44791 Bochum (Germany)
Tel. 0234/23956-10 // roelleke@mattt.de // www.mattt.de

SPONSORS | SPONSOREN



INTERNATIONAL CONFERENCE

25-26 OCTOBER 2024

UNIVERSITY HOSPITAL
LECTURE HALL CENTER ST. JOSEF HOSPITAL,
RUHR-UNIVERSITY BOCHUM (GER)

10 Points
ÄKWL
Cat. A

www.med-fortbildung.nrw/hks

Subject to changes (e.g. to the program) and errors.
Current information and sponsorship amounts can be found at
www.med-fortbildung.nrw/hks

Dear Colleagues,

We are pleased to invite you to our international symposium "Cardiovascular Conundrums: Deciphering Heart Failure, Arrhythmias, and the Burden of Comorbidities" from October 25th to 26th 2024 in Bochum.

This symposium aims to elevate cardiovascular research and clinical insights by fostering interdisciplinary collaboration and knowledge exchange. With a focus on cutting-edge advancements in heart failure, arrhythmias, and related conditions, the event will bring together leading experts to explore new therapeutic targets and improve patient outcomes.

We look forward to an informative event and interactions with you.

Sehr geehrte Kolleginnen und Kollegen,

wir freuen uns, Sie zu unserer internationalen Fortbildungsveranstaltung „Kardiovaskuläre Krankheitsbilder: Entschlüsseln der Herzinsuffizienz, der Herzrhythmusstörungen, und der Rolle der kardiovaskulären Komorbiditäten“ vom 25. bis 26. Oktober 2024 in Bochum einladen zu dürfen.

Dieses interaktive Symposium legt seinen Fokus auf neueste Entwicklungen in der Herzinsuffizienz, Rhythmologie, der Klappentherapie und der translationalen kardiovaskulären Forschung. Neben Neuerungen in der Diagnostik und Therapie werden molekulare Pathomechanismen präsentiert.

Wir freuen uns auf eine informative Veranstaltung und den Austausch mit Ihnen.

10 POINTS | 10 PUNKTE ÄKWL CAT. A

The event has been applied for certification as part of the ÄKWL's continuing medical education programme with 10 points (category A).

Die Veranstaltung ist im Rahmen der Zertifizierung der ärztlichen Fortbildung der ÄKWL mit 10 Punkten (Kategorie A) beantragt.

Opening of the Symposium	
16:00	Registration
17:00	Opening Remarks Prof. Dr. Nazha Hamdani and PD. Dr. Ibrahim El-Battrawy Welcome Address by Dean of the Medical Faculty Prof. Dr. Andrea Tannapfel Special Address by the Managing Director Prof. Dr. Christoph Hanefeld
Session 1: Metabolomics to Inflammation, Unveiling New Frontiers in Heart Health	
Chair: Prof. Dr. Arash Haghikia (Bochum) and Prof. Dr. Carsten Theiss (Bochum)	
17:30	Prof. Dr. Francesco Paneni (Zurich) Epigenetic Control of Meta-Inflammation in Heart Failure
17:50	Prof. Dr. Michele Ciccarelli (Fisciano) Cardiac Metabolism in Aging and Obesity: Challenges and Insights
18:10	Prof. Dr. Mahmoud Abdellatif (Graz) Mechanistic insights into the cardioprotective effects of SGLT2 inhibition in Myocardial Infarction: metabolomic analysis of the Emmy trial
18:30	Prof. Dr. Jens Fielitz (Greifswald) Exploring the Role of Inflammasomes in Cardiomyopathy
18:50	Keynote lecture: Bridging the Gap: Innovative Options in Heart Failure Diagnosis and Treatment Prof. Dr. Stephan Baldus (Köln) Chair: Prof. Dr. Andreas Mügge (Bochum) Prof. Dr. Ralf Erdmann (Dean of Science, Bochum)
19:30	Networking and finger food

Session 1: Understanding Heart Failure	
Chair: Prof. Dr. Wolfgang Schmidt (Bochum) Prof. Dr. Ibrahim Akin (Mannheim)	
08:30	Prof. Dr. Arash Haghikia (Bochum) Gut microbiota in Heart Failure Management
08:50	Prof. Dr. Elizabeth Jones (Leuven) Deciphering HFpEF: Unveiling the Role of Microvascular Dysfunction
09:10	Prof. Dr. Giuseppe Danilo Norata (Milan) Tackling Metabolic Inflammation in the Vasculature
09:30	Dr. Loek van Heerebeek (Amsterdam) Journey from Targets to Trials: A Reflection on Lessons learned so far
9:50	Networking and Refreshment Break
Session 2: Deciphering Arrhythmias	
Chair: Prof. Dr. Sophie Van Linthout (Berlin) Prof. Dr. Dobromir Dobrev (Essen)	
10:20	Prof. Dr. Paulus Kirchhof (Hamburg) Arrhythmia and Sudden Cardiac Death from Bench to Bedside: Bridging the Gap for Enhanced Patient Care
10:40	Prof. Dr. Christian Ukena (Herne) Innovations in Arrhythmia Diagnosis and treatment with Cardiac implantable electronic devices
11:00	Prof. Dr. Bianca Brundel (Amsterdam) Pulse of Progress: Unlocking Biomarkers to Target Arrhythmias in HFpEF Treatment
11:20	Prof. Dr. Philipp Sommer (Bad Oeynhausen) Innovations in Arrhythmia Diagnosis and treatment with Cardiac implantable electronic devices
12:00	Lunch, Networking and Refreshment Break

Session 3: Exploring Comorbidities in Cardiovascular Health	
Chair: Prof. Dr. Simon Lebek (Regensburg) PD. Dr. Peter Haldenwang (Bochum)	
13:30	Prof. Dr. Wiebke Fenske (Bochum) Cardiometabolic Syndromes and Their Impact
13:50	Prof. Dr. Giancarlo Forte (London) From Developmental Biology to Regenerative Medicine
14:10	Dr. Katharina Scherschel (Düsseldorf) Neuro-Cardiac Interactions in Cardiovascular Diseases
14:30	Prof. Dr. Ali Canbay (Bochum) Non-Alcoholic Fatty Liver Disease (NAFLD) and Cardiovascular Risk
14:50	Networking and Refreshment Break
Session 4: Decoding Heart Valve Diseases and The Crucial Role of Inflammation	
Chair: Prof. Dr. Andreas Mügge (Bochum) Prof. Dr. Johannes Dietrich (Bochum)	
15:10	Prof. Dr. Hendrik Milting (Bad Oeynhausen) From Molecules to Dysfunction: Unraveling the Basics of Heart Failure at the Molecular Level
15:30	Prof. Dr. Justus Strauch (Bochum) Advancements in Surgical Interventions for Valve Diseases: Exploring Innovative Approaches
15:50	Prof. Dr. Hug Aubin (Düsseldorf) Innovative Treatment Approaches for Advanced Heart Failure
16:10	Prof. Dr. Volker Rudolph/Dr. Muhammed Gerçek (Bad Oeynhausen) Atrioventricular-Valve Interventions: Advancements and Challenges
16:30	Closing remarks Prof. Dr. Nazha Hamdani PD. Dr. Ibrahim El-Battrawy

SPEAKERS | REFERENT:INNEN

You can find all speakers here:

www.med-fortbildung.nrw/hks

