DGK. Schirmherrschaft

RUHR UNIVERSITÄT BOCHUM

RUB

2nd
CARDIOVASCULAR SYMPOSIUM
Bochum

INTERNATIONAL CONFERENCE

27–29 JUNE 2025

UNIVERSITY HOSPITAL
LECTURE HALL CENTER ST. JOSEF HOSPITAL,
RUHR-UNIVERSITY BOCHUM, DE

REGISTRATION | ANMELDUNG

On-site registration opens 30 minutes before the start on all event days. Take the opportunity to register in advance.

Die Registrierung vor Ort öffnet an allen Veranstaltungstagen 30 Minuten vor Beginn. Nutzen Sie die Gelegenheit, sich vorab anzumelden.

Written registration is required.
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 conference is free of charge.

Die Teilnahme an dieser ärztlichen Fortbildung ist kostenlos.

www.med-fortbildung.nrw/hks

INVITATION | EINLADUNG

Dear Colleagues,

We are delighted to invite you to our international scientific symposium: "Personalized Medicine in the Cardiometabolic Spectrum: From Mechanisms to Therapeutic Targets".

This event will feature high-level presentations by leading national and international experts in clinical and translational cardiology. Together with renowned specialists in cardiology, cardiac surgery, and related disciplines, we have curated an exciting and insightful programme – including special sessions in German language.

This interactive symposium will spotlight the latest advances in heart failure, rhythmology, valve interventions, and translational cardiovascular science. In addition to diagnostic and therapeutic innovations, we will explore cutting-edge research on molecular pathomechanisms.

We look forward to your participation in what promises to be a stimulating and inspiring event.

Sehr geehrte Kolleginnen und Kollegen,

wir möchten Sie herzlich zu unserem internationalen Fortbildungssymposium „Personalisierte Medizin im kardiometabolischen Spektrum: Von Mechanismen zu therapeutischen Zielen" einladen.

Die Veranstaltung bietet hochkarätige Vorträge von führenden nationalen und internationalen Experten der klinischen und translationalen Kardiologie. Gemeinsam mit renommierten Spezialistinnen und Spezialisten aus der Kardiologie, Herzchirurgie und verwandten Disziplinen haben wir für Sie ein spannendes und informatives Programm zusammengestellt. Erstmalig auch mit deutschsprachigen Sessions.

Im Mittelpunkt dieses interaktiven Symposiums stehen die neuesten Fortschritte in den Bereichen Herzinsuffizienz, Rhythmologie, Herzklappeninterventionen und translationale kardiovaskuläre Wissenschaft. Neben diagnostischen und therapeutischen Innovationen werden wir uns auch mit den neuesten Forschungsergebnissen zu molekularen Pathomechanismen beschäftigen.

Wir freuen uns auf Ihre Teilnahme an dieser anregenden und inspirierenden Veranstaltung.

SPEAKERS | REFERENT:INNEN

You can find all speakers here:

www.med-fortbildung.nrw/hks

SCIENTIFIC MANAGEMENT | WISSENSCHAFTLICHE LEITUNG UND BERATENDE KOMMISSION

Prof. Dr.
Nazha Hamdani
Bochum, DE

Prof. Dr.
Francesco Paneni
Zürich, CH

Prof. Dr. Giuseppe Danilo Norata
Milano, IT

PD Dr. Ibrahim El-Battrawy
Bochum, DE

Prof. Dr.
Arash Haghikia
Bochum, DE

Prof. Dr.
Andreas Mügge
Bochum, DE

LOCATION | VERANSTALTUNGSORT

Hörsaalzentrum, Universitätsklinikum
St. Josef-Hospital, Ruhr-Universität Bochum
Gudrunstraße 56, 44791 Bochum, DE

ORGANIZER | VERANSTALTER

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12 Points ÄKWL Cat. A

CERTIFICATION | ZERTIFIZIERUNG

The event has been applied for certification as part of the ÄKWL's continuing medical education programme with 12 points (category A).

Die Veranstaltung ist im Rahmen der Zertifizierung der ärztlichen Fortbildung der ÄKWL mit 12 Punkten (Kategorie A) beantragt.

Diversity session: Bridging the Gender Gap in Cardiology: Sex-Specific Medicine and Treatment Disparities
Chairs: Dr. Jan Wintrich, Herne, DE
Dr. Katharina Scherschel, Düsseldorf, DE

10:30	**How to overcome obstacles in hospitals and science** Prof. Marie von Lilienfeld, Bochum, DE
10:55	**Sex-Specific Cardiology – Part 1 (Focus Heart failure)** Dr. Soheil Saeedi Saravi, Zürich, CH
11:20	**Sex-Specific Cardiology – Part 2** Prof. Dr. Carolin Lerchenmüller, Zürich, CH

German session 1: Fettstoffwechselstörungen und Hypertrophe Kardiomyopathie
Chairs: Dr. Gerold Metzger, Bochum, DE
Dr. Benjamin Sasko, Herne, DE

11:45	**Neues in der Therapie von Fettstoffwechselstörungen** Prof. Dr. Nikolaos Pagonas, Neuruppin, DE
12:10	**Therapie der hypertrophen Kardiomyopathie – ein Update** Prof. Dr. Michael Gotzmann, Bochum, DE
12:35	**Differentialdiagnosen verdickter Herzmuskel – mehr als nur HOCM** Dr. Martin Christ, Bottrop, DE

German session 2: Interventionelle Kardiologie und Therapiestrategien des kardiogenen Schocks
Chairs: Prof. Dr. Andreas Mügge, Bochum, DE
Prof. Dr. Oliver Bruder, Essen, DE

13:00	**Interventionelle Therapie der koronaren Herzerkrankung – ein Update** Prof. Dr. Arash Haghikia, Bochum, DE
13:25	**Aktueller Stand der Aortenklapenimplantation (TAVI)** Prof. Dr. Moritz Seiffert, Bochum, DE
13:50	**Neue Behandlungsstrategien beim kardiogenen Schock** Prof. Dr. Ibrahim Akin, Mannheim, DE

Diversity workshops
Chairs: Prof. Dr. Ina Otte, Bochum, DE
Prof. Dr. Marie Lilienfeld-Toal, Bochum, DE
Dr. Ronja Flueren, Bochum, DE

13:00	**Rewriting the rhythm - an interactive workshop addressing diversity in cardio-vascular care** (in English)
14:00	**Rewriting the rhythm - ein interaktiver Workshop zu Diversität in kardiovaskulärer Versorgung** (auf Deutsch)
15:00	**Teaching Health Equity: Diversitätssensible Kompetenzvermittlung in der medizinischen Ausbildung**

German Session 3: Diagnose, Prognose und Therapieansätze der Amyloidose
Chairs: Dr. Assem Aweimer, Bochum, DE
PD Dr. Anna Lena Fisse, Bochum, DE

14:30	**Diagnostik der kardialen Amyloidose** Prof. Dr. Roman Pfister, Köln, DE
14:55	**Stellenwert des MRTs im Nachweis einer kardialen Amyloidose** Prof. Dr. Ali Yilmaz, Münster, DE
15:20	**Hereditäre Amyloidose: interdisziplinäre Therapie** Prof. Dr. Matthias Schilling, Münster, DE

16:30 **OPENING OF THE CONFERENCE**
Opening Remarks
Prof. Dr. Nazha Hamdani, Bochum, DE
PD. Dr. Ibrahim El-Battrawy, Bochum, DE
Welcome Address
Prof. Dr. Martin Paul, Bochum, DE
(Rektor Ruhr-Universität Bochum)

Session 1: Metabolic disturbances as key driver of cardiac and vascular disorders	
Chairs:	Prof. Dr. Christian Ukena, Herne, DE Prof. Dr. Cinzia Perrino, Napoli, IT
17:00	**Diabetes, Hypertension, and Obesity: Clinical Insights and Vascular Mechanisms** Prof. Dr. Gemma Villahur, Barcelona, ES
17:25	**Vascular and Myocardial Interaction** Prof. Dr. Michaela Kuhn, Würzburg, DE
17:50	**Pulmonary hypertension and the lung micro-environment in cardiometabolic disease** Dr. Sarah Costantino, Zürich, CH
18:15	**Sex and gender differences in cardiac and vascular disorders** Prof. Dr. Elena Osto, Graz, AT
18:40	**Oral Presentation of Selected Abstract**
Keynote	
Chairs:	Prof. Dr. Andreas Mügge, Bochum, DE Prof. Dr. Francesco Paneni, Zürich, CH
19:00	**Social and Environmental Determinants in Cardio-Kidney-Metabolic Syndrome** Prof. Dr. Sanjay Rajagopalan, Cleveland, USA
20:00	**Dinner**

DAY 2 | 28th June 2025

Session 1: The landscape of heart failure	
Chairs:	Prof. Dr. Daniela Wenzel, Bochum, DE Prof. Dr. Moritz Seiffert, Bochum, DE
08:30	**Management of heart failure: from pathophysiology to treatment** Prof. Dr. Pierre Sabouret, Paris, FR
08:55	**Cutting-edge device therapies in heart failure** Prof. Dr. Stephan Rosenkranz, Köln, DE
09:20	**Emerging Targets and Pathways in Heart Failure** Prof. Dr. Manuel Mayr, London, GB
09:45	**From Hypertension to Heart Failure** Prof. Dr. Stefano Masi, Pisa, IT
10:10	**Oral Presentation of Selected Abstract**
10:20	**Networking and Refreshment Break**
Session 2: Residual CVD risk/The State-of-the-art in Cardiovascular Prevention	
Chairs:	Prof. Dr. Huu Phuc Nguyen, Bochum, DE Prof. Dr. Stephan Rosenkranz, Köln, DE
10:40	**Influence of the dissected aortic arch morphopathology on the remodeling following AMDS therapy** PD Dr. Peter Haldenwang, Bochum, DE
11:05	**Cardiac pacing in hypertrophic hearts** Dr. Muchtiar Khan, Amsterdam, NL
11:30	**Blood Pressure as an Independent and Continuous Cardiovascular Risk Factor** Prof. Dr. Arrigo Cicero, Bologna, IT
11:55	**Hypertriglyceridemia, Postprandial Lipemia, and Non-HDL Cholesterol: Implications for Cardiovascular Risk and Therapeutic Strategies** Prof. Dr. Andrea Baragetti, Milano, IT

DAY 2 | 28th June 2025

12:10	**Oral Presentation of Selected Abstract**
12:20	**Poster session (until 13:45)**
Chairs:	Prof. Dr. Mahmoud Abdellatif, Graz, AT Prof. Dr. Attila Kiss, Wien, AT Dr. Loek van Heerebeek, Amsterdam, NL
12:20	**Networking and Refreshment Break**
German Session 4: Interventionelle Rhythmologie und kardiale Device-Therapie	
Chairs:	Prof. Dr. Christian Ukena, Herne, DE Prof. Dr. Philipp Sommer, Bad Oeynhausen, DE
12:20	**Kardiale Device-Therapie – ein Update** Prof. Jürgen Kuschyk, Mannheim, DE
12:45	**Diagnostik von Vorhofflimmern – ein Update** Prof. Dr. Constanze Schmidt, Freiburg, DE
13:10	**Update über interventionelle Therapieansätze bei Vorhofflimmern** Prof. Dr. med. Shibu Mathew, Essen, DE
Session 3: Controlling metabolism to improve heart failure	
Chairs:	Prof. Dr. Mahmoud Abdellatif, Graz, AT Prof. Dr. Arash Haghikia, Bochum, DE
13:45	**Organ Crosstalk and Cardiovascular Calcification: Mechanisms and Clinical Implications** Prof. Dr. Claudia Goettsch, Dresden, DE
14:10	**The Power of Proteomics and Biomarkers in Revolutionizing Diagnosis and Treatment in Heart Failure** Prof. Dr. Johannes Backs, Heidelberg, DE
14:35	**Chromatin remodeling and epi-drugs in cardiometabolic heart failure** Prof. Dr. Francesco Paneni, Zürich, CH
15:00	**From Mechanism to Medicine: Bridging the Gap in HFpEF** Prof. Dr. Gianluigi Condorelli, Milano, IT
15:25	**Oral Presentation of Selected Abstract**
15:35	**Poster session (until 16:30)**
Chairs:	Prof. Dr. Mahmoud Abdellatif, Graz, AT Prof. Dr. Attila Kiss, Wien, AT Dr. Loek van Heerebeek, Amsterdam, NL
15:35	**Networking and Refreshment Break**
Session 4: Inflammation and Immunometabolism in atherosclerosis	
Chairs:	Prof. Dr. Fabrizia Bonacina, Milano, IT Prof. Dr. Konstanze Winklhofer, Bochum, DE
16:30	**High fat diet feeding and immune reprogramming during atherosclerosis** Prof. Dr. Niels Riksen, Nijmegen, NL
16:55	**Inflammation at the Crossroads of Cardiology and Neurology: From Bench to Bedside** Prof. Dr. Tobias Ruck, Bochum, DE
17:20	**Immunometabolism in artery wall: new targets to combat CVD** Prof. Dr. Daniel F J Ketelhuth, Odense, DK
17:45	**Tackling inflammation in Cardiovascular Diseases** Prof. Dr. Pasquale Maffia, Glasgow, GB
18:10	**Oral Presentation of Selected Abstract**
18:20	**Networking and Refreshment Break**
Keynote	
Chairs:	Prof. Dr. Giuseppe Danilo Norata, Milano, IT Prof. Dr. Wolfgang Schmidt, Bochum, DE
18:30	**Cardio-Immunology: the new Frontier** Prof. Dr. Burkhard Ludewig, St. Gallen, CH
20:00	**Dinner**

DAY 3 | 29th June 2025

Session 1: Mechanisms to improve CVD Outcome
Chairs: Prof. Dr. Ibrahim Akin, Mannheim, DE
Prof. Dr. Paul Evans, London, GB

08:30	**Estimation of LDL cholesterol in chronic kidney disease and CVD** Prof. Dr. Timm Westhoff, Herne, DE
08:55	**Endothelial dysfunction in CVD** Prof. Dr. Andreas Flammer, Zürich, CH
09:20	**The evolving landscape of PCSK9i inhibitors** Prof. Dr. Danilo Norata, Milano, IT
09:45	**Multi-Omics and the Organ Axis: Advancing Cardiovascular Prevention** Prof. Dr. Rafael Kramann, Aachen, DE
10:10	**Oral Presentation of Selected Abstract**
10:20	**Networking and Refreshment Break**

Session 2: Beyond LDL-C, focus on TG rich lipoproteins and Lp(a)
Chairs: Prof. Dr. Giuseppe Danilo Norata, Milano, IT
Prof. Dr. Ali Canbay, Bochum, DE

10:40	**Atherosclerosis: Cellular Mechanisms and Immunometabolic Interactions** Prof. Dr. Holger Winkels, Köln, DE
11:05	**Triglyceride-Rich Lipoproteins: Targets for Therapy?** Prof. Dr. Alberto Zambon, Padua, I
11:30	**Lp(a) from physiopathology to pharmacology** Prof. Dr. Simon Kraler, Zürich, CH
11:55	**The Interplay of Hypertension, Endothelial Dysfunction, and Dyslipidemia: Mechanisms, Biomarkers, and Therapeutic Targets** Prof. Dr. Gabriele Schiattarella, Berlin, DE
12:20	**Oral Presentation of Selected Abstract**
12:30	**Networking and Lunch Break**

Session 3: Gene editing and RNA therapies in the context of Cardiovascular Disorders
Chairs: Prof. Dr. Maurizio Pesce, Milano, IT
Prof. Dr. Fabio Martelli, Bologna, IT

13:45	**Gene therapy strategies in the treatment of hypertrophic cardiomyopathy** Prof. Dr. Reinier Boon, Frankfurt, DE
14:10	**Unraveling the Molecular Drivers of Cardiovascular Disease: The Role of Non-Coding RNAs and Novel Therapeutic Targets** Prof. Dr. Leon de Windt, Maastricht, NL
14:35	**RNA Editing in Cardiovascular Disease** Prof. Dr. Konstantinos Stellos, Heidelberg, DE
15:00	**Fibrosis Treatment by Enhancer Targeting** Prof. Dr. Paola Cattaneo, Milano, IT
15:25	**Oral Presentation of Selected Abstract**
15:35 Jury:	**Prize oral presentation and poster** Prof. Dr. Mahmoud Abdellatif, Graz, AT Prof. Dr. Attila Kiss, Wien, AT Dr. Loek van Heerebeek, Amsterdam, NL
16:00	**Closing Remarks**

Stand / As of May 2025

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