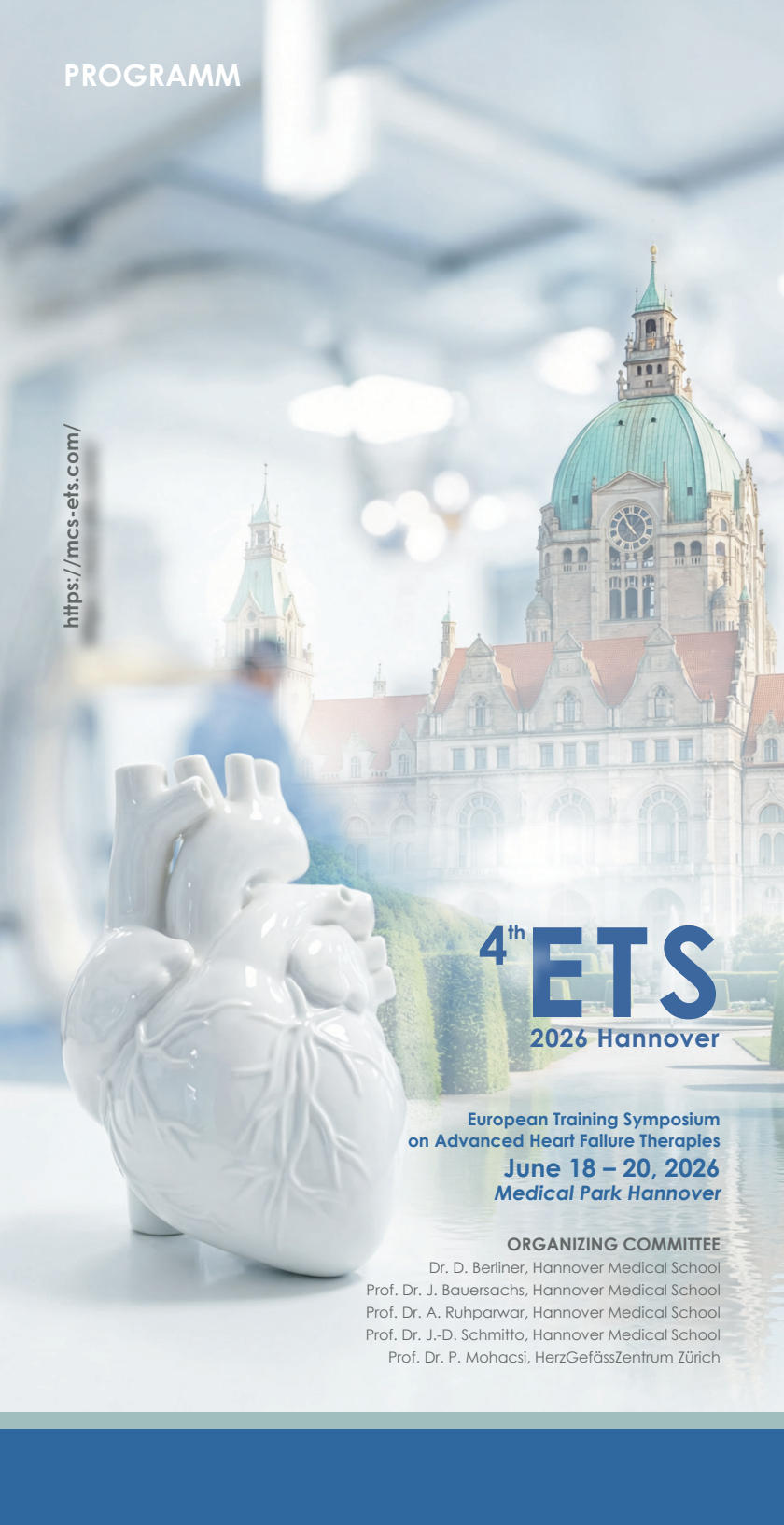


PROGRAMM

<https://mcs-ets.com/>



4th ETS

2026 Hannover

**European Training Symposium
on Advanced Heart Failure Therapies
June 18 – 20, 2026
Medical Park Hannover**

ORGANIZING COMMITTEE

Dr. D. Berliner, Hannover Medical School
Prof. Dr. J. Bauersachs, Hannover Medical School
Prof. Dr. A. Ruhparwar, Hannover Medical School
Prof. Dr. J.-D. Schmitt, Hannover Medical School
Prof. Dr. P. Mohacsi, HerzGefäßZentrum Zürich

WELCOME

Dear Colleagues,

It is our great pleasure to welcome you to the **4th European Training Symposium (ETS)** on Advanced Heart Failure Therapies, taking place from June 18–20, 2026, in Hannover, Germany.

Advanced heart failure remains one of the most challenging areas in cardiovascular medicine. While mechanical circulatory support (MCS) and heart transplantation (HTx) are essential for selected patients, modern management is increasingly driven by optimized medical therapy and innovative treatment approaches.

Key Developments

- Guideline-directed quadruple therapy
- Novel neurohormonal and disease-modifying treatments
- Advances in precision medicine and biomarker-guided care
- Emerging gene- and RNA-based therapies

What to Expect

This symposium offers a focused and forward-looking overview of:

- Pharmacological, mechanical, and surgical therapies
- Patient selection and timing of interventions
- Current and next-generation MCS technologies
- Right heart management and anticoagulation strategies
- Interdisciplinary insights (e.g. material science, robotics)
- Who Should Attend
- Cardiologists
- Cardiac surgeons
- Perfusionists and VAD coordinators
- Physicians and general practitioners
- Nurses and medical technical assistants

Join Us in Hannover

We invite you to join us for three days of high-level education, interdisciplinary exchange, and international networking. We look forward to welcoming you.

Organizing Committee

Hannover Medical School

Prof. Dr. Johann Bauersachs

Dr. Dominik Berliner

Prof. Dr. Arjang Ruhparwar

Prof. Dr. Jan Schmitto

HerzGefäßZentrum Zürich – Klinik im Park

Prof. Dr. Paul Mohacsi

GENERAL INFO

VENUE

June 18–20, 2026
Medical Park Hannover
Feodor-Lynen-Straße 27
30625 Hannover
Germany

ORGANIZING COMMITTEE

- Dr. D. Berliner, Hannover Medical School
- Prof. Dr. J. Bauersachs, Hannover Medical School
- Prof. Dr. A. Ruhparwar, Hannover Medical School
- Prof. Dr. J.-D. Schmitto, Hannover Medical School
- Prof. Dr. P. Mohacsi, HerzGefäßZentrum Zürich

ORGANIZER



KelCon GmbH
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PROGRAM

THURSDAY	
12.30 pm	PRE-LUNCHSYMPOSIUM INDUSTRY-SPONSORED
01:30 pm	Opening
02:00 pm	1ST SESSION: MAGNITUDE OF THE CHALLENGE
03:30 pm	COFFEE BREAK
04:00 pm	2ND SESSION: KEY ISSUES OF ADVANCED HEART FAILURE
05:30 pm	3RD SESSION: DISTINGUISHED SPECIAL LECTURE
FRIDAY	
08:30 am	4TH SESSION: RIGHT HEART AND PULMONARY HYPERTENSION
10:00 am	Coffee break incl. poster session 1
11:00 am	5TH SESSION: ADVANCED HF MANAGEMENT
01:00 pm	LUNCHSYMPOSIUM INDUSTRY-SPONSORED
02:00 pm	6TH SESSION: MCS: HOW TO MANAGE NOWADAYS (1)
03:15 pm	COFFEE BREAK INCL. POSTER SESSION 2
04:00 pm	7TH SESSION: HEART TRANSPLANTATION: WHAT CLINICIANS SHOULD KNOW ABOUT IMMUNOLOGY?
06:00 pm	8TH SESSION: THE FUTURE OF CARDIOVASCULAR MEDICINE

PROGRAM

SATURDAY	
08:30 am	9TH SESSION: MCS: HOW TO MANAGE NOWADAYS (2)
10:00 am	COFFEE BREAK
10:30 am	10TH SESSION: ACUTE HF AND CARADIOGENIC SHOCK
12:00 pm	LUNCH BREAK
12:30 pm	LUNCHSYMPOSIUM INDUSTRY-SPONSORED
01:00 pm	11TH SESSION: RECENT ADVANCES IN CAR- DIOMYOPATHIES AND MYOCARDITIS
02:30 pm	COFFEE BREAK
02:45 pm	12TH SESSION: THE FUTURE
04:35 pm	CLOSING SESSION – POSTER PRIZES

PROGRAM

THURSDAY JUNE 18, 2026	
11:30 am	REGISTRATION
12:30 pm - 13:00 pm	PRE-LUNCH SYMPOSIUM INDUSTRY-SPONSORED
01:30 pm - 02:00 pm	OPENING
D. Hilfiker-Kleiner (Hannover, D), A. Ruhparwar (Hannover, D), J. Bauersachs (Hannover, D), J.-D. Schmitto (Hannover, D), D. Berliner (Hannover, D) and P. Mohacsi (Zurich, CH)	
WELCOME ADDRESS	• Paul Mohacsi (Zurich, CH) • Denise Hilfiker-Kleiner (Hannover, D) • T. Klapproth (Mayor Hannover, D.)
02:00 pm - 03:30 pm	1ST SESSION: MAGNITUDE OF THE CHALLENGE Chairs: A. Ruhparwar (Hannover, D), J. Bauersachs (Hannover, D)
02:00 pm	Why is Heart Failure underestimated? D. Berliner (Hannover, D)
02:20 pm	Morbidity and Mortality of Heart Failure M. Böhm (Homburg, D)
02:40 pm	The Concept of “Heart Cancer” P. Mohacsi (Zurich, CH)
02:55 pm	What does the next generation think? A. Jakstaite (Hannover, D)
03:15 pm	Q&A: Discussion with the speakers
03:30 pm- 04:00 pm	COFFEE BREAK

PROGRAM

THURSDAY JUNE 18, 2026	
04:00 pm - 05:30 pm	2ND SESSION: KEY ISSUES OF ADVANCED HEART FAILURE Chairs: D. Berliner (Hannover, D), P. Mohacsi (Zurich, CH), N. Nyolczas (Budapest, HU)
04:00 pm	Kidney Failure A. Serra (Zurich, CH)
04:20 pm	Frailty S. Joseph (Philadelphia, US)
04:40 pm	INTERMACS criteria J. Hanke (Hannover, D)
04:55 pm	“I need help” M. Wallner (Graz, AU)
05:15 pm	Q&A: Discussion with the speakers
05:30 pm - 06:30 pm	3RD SESSION DISTINGUISHED SPECIAL LECTURE Chairs: P. Mohacsi (Zurich, CH), A. Ruhparwar (Hannover, D), J. Bauersachs (Hannover, D)
05:30 pm - 06:30 pm	Using non-coding RNA to develop new drugs T. Thum (Hannover, D)

PROGRAM

FRIDAY JUNE 19, 2026	
08:30 am - 10:00 am	4TH SESSION: RIGHT HEART AND PULMONARY HYPERTENSION <i>Chairs: E. Rame (Philadelphia, US), D. Berliner (Hannover, D), J.-D. Schmitto (Hannover, D)</i>
08:30 am	Mechanisms of RV failure <i>M. Arrigo (Lugano, CH)</i>
08:50 am	HF and devices: Early Right Heart Failure <i>E. Rame (Philadelphia, US)</i> Late Right Heart Failure <i>N. Uriel (New York, US)</i>
09:30 am	Pulmonary hypertension <i>M. Hoeper (Hannover, D)</i>
09:50 am	Q&A: Discussion with the speaker
10:00 am - 10:45 am	COFFEE BREAK INCL. POSTER SESSION 1
10:45 am - 12:40 pm	5TH SESSION: ADVANCED HF MANAGEMENT <i>Chairs: N. Uriel (New York, US), D. Berliner (Hannover, D), I. Hartyanszky (Budapest, HU)</i>
10:45 am	Optimal Drug therapy <i>M. Boehm (Homburg, D)</i>
11:05 am	CRT-update <i>B. Merkely (Budapest, HU)</i>
11:25 am	Edge-to-edge valve repair <i>P. Lurz (Mainz, D)</i>
11:45 am	ICD-update (incl WCD) <i>D. Duncker (Hannover, D)</i>
12:05 am	Baroreflex activation therapy <i>J. Schmidli (Bern, CH)</i>
12:20 pm	Q&A: Discussion with the speakers

PROGRAM

FRIDAY JUNE 19, 2026	
01:00 pm - 02:00 pm	LUNCHSYMPOSIUM INDUSTRY-SPONSORED
02:00 pm - 03:15 pm	6TH SESSION: MCS: HOW TO MANAGE NOWADAYS (1) <i>Chairs: G. Dogan (Hannover, D), A. Meyer (Heidelberg, D)</i>
02:00 pm	Update MCS therapy <i>J.-D. Schmitto (Hannover, D)</i>
02:15 pm	Anticoagulation incl. ARIES and Apixaban for anticoagulation <i>B. Schnegg (Bern, CH)</i>
02:30 pm	Hemodynamics <i>N. Uriel (New York, USA)</i>
02:50 pm	Infections in MCS patients <i>C. Eckmann (Hannoversch. Münden, D)</i>
03:05 pm	Q&A: Discussion with the speakers
03:15 pm - 04:00 pm	COFFEE BREAK INCL. POSTER SESSION 2

PROGRAM

FRIDAY | JUNE 19, 2026

04:00 pm - 06:00 pm	7TH SESSION: HEART TRANSPLANTATION: WHAT CLINICIANS SHOULD KNOW ABOUT IMMUNOLOGY? <i>Chairs: C. Falk (Hannover, D), L. Chatenoud (Paris, F), P. Mohacsi (Zurich, CH)</i>
04:00 pm	Translational Research in Transplantation <i>tba</i>
04:20 pm	How foreign or self is differentiated by the immune system <i>P. Matzinger (Bethesda, US)</i>
04:50 pm	CD3-antibodies (Teplizumab for T1D) <i>L. Chatenoud (Paris,F)</i>
05:10 pm	How can we avoid rejection <i>S. Schrepfer (San Francisco, US)</i>
05:35 pm	Celltherapy & personalized immunosuppression <i>P. Reinke (Berlin, D)</i>
05:55 pm	Q&A: Discussion with the speakers
06:15- 07:15	8TH SESSION: THE FUTURE OF CARDIOVASCULAR MEDICINE <i>Chairs: A. Ruhparwar (Hannover, D), J. Bauersachs (Hannover, D)</i>
06:15 pm	Micro-Robotics in Medicine <i>S. Schürle-Finke (ETH, Zurich, CH)</i>
06:45 pm	AI – influence on heart medicine <i>A. Zirlík (Graz, A)</i>
07:15 pm	Q&A: Discussion with the speakers

PROGRAM

SATURDAY | JUNE 20, 2026

08:30 pm - 10:00 pm	9TH SESSION: MCS: HOW TO MANAGE NOWADAYS (2) <i>Chairs: J. Hanke (Hannover, D), S. Joseph (Philadelphia, US), G. Dogan (Hannover, D)</i>
08:30 am	Aiming for Recovery <i>S. Drakos, (Salt Lake City, US)</i>
08:55 am	Gastrointestinal side effects: how to treat <i>A. Meyer (Heidelberg, D)</i>
09:10 am	Neurological complications <i>M. Gabriel (Hannover, D)</i>
09:25 am	Pediatric VADS <i>tba</i>
09:45 am	Q&A: Discussion with the speakers
10:00 am- 10:30 am	COFFEE BREAK
10:30 am - 12:00 am	10TH SESSION: ACUTE HF AND CARDIOGENIC SHOCK <i>Chairs: B. Schmack (Hannover, D), P. Leprince (Paris, F)</i>
10:30 am	Acute HF and Shock <i>M. J. Bonios (Athens, Greece)</i>
10:50 am	Drugs in Acute HF <i>P. Raake (Augsburg, D)</i>
11:10 am	ECMO <i>P. Leprince (Paris, F)</i>
11:30 am	Impella / ECMELLA <i>B. Schmack (Hannover, D)</i>
11:50 am	Q&A: Discussion with the speakers
12:00 pm - 12:30 pm	LUNCH BREAK
12:30 pm - 01:00 pm	LUNCHSYMPOSIUM INDUSTRY-SPONSORED

PROGRAM

SATURDAY JUNE 20, 2026	
01:00 pm - 02:30 pm	11TH SESSION: RECENT ADVANCES IN CARDIOMYOPATHIES AND MYOCARDITIS <i>Chairs: C. Tschoepe (Berlin, D), L. T. Cooper (Rochester, US)</i>
01:00 pm	Diagnostics of myocarditis <i>C. Tschoepe (Berlin, D)</i>
01:15 pm	Giant cell myocarditis <i>L. T. Cooper (Rochester, US)</i>
01:40 pm	Peripartum Cardiomyopathy <i>J. Bauersachs (Hannover, D)</i>
02:00 pm	Non-compaction cardiomyopathy: does it exist? <i>C. Attenhofer Jost (Zurich, CH)</i>
02:20 pm	Q&A: Discussion with the speakers
02:30 pm - 02:45 pm	COFFEE BREAK
02:45 pm - 04:35 pm	12TH SESSION: THE FUTURE <i>Chairs: A. Ruhparwar (Hannover, D), C. Hagl (Munich, D), A. Dommann (St. Gallen, CH)</i>
02:45 pm	Engineering challenges for MCS <i>S. Jansen (Aachen, D)</i>
03:00 pm	Newest VAD technology <i>J. Schmitto (Hannover, D)</i>
03:15 pm	TAH <i>P. Leprince (Paris, F)</i>
03:30 pm	iPS cells - a silver lining on the horizon? <i>R. Zweigerdt (Hannover, D)</i>
03:50 pm	Xenotransplantation - where do we stand right now? <i>S. Joseph (Philadelphia, US)</i>
04:25 pm	Q&A: Discussion with the speakers
04:35 pm	CLOSING SESSION <i>Chairs: P. Mohacsi (Zurich, CH), D. Berliner (Hannover, D), J. Schmitto (Hannover, D)</i>

SPEAKERS & MODERATORS

- Prof. Dr. med. Mattia Arrigo**
Ospedale Regionale di Lugano
- Prof. Dr. med. Christine Attenhofer Jost**
HerzGefäßZentrum Im Park
- Prof. Dr. med. Johann Bauersachs**
Medizinische Hochschule Hannover –
Klinik für Kardiologie und Angiologie
- Prof. Dr. med. Udo Bavendiek**
Medizinische Hochschule Hannover –
Klinik für Kardiologie und Angiologie
- Dr. med. Dominik Berliner**
Medizinische Hochschule Hannover –
Klinik für Kardiologie und Angiologie
- Prof. Dr. med. Michael Böhm**
Universitätsklinikum des Saarlandes –
Klinik für Innere Medizin III
- PD Dr. med. Sören Brandenburg**
Universitätsmedizin Göttingen
- Dr. Michael J. Bonios**
Onassis Cardiac Surgery Center Athen
- Prof. Dr. Lucienne Chatenoud**
Institut Necker Enfants Malades
- Prof. Dr. Leslie T. Cooper**
Mayo Clinic Florida
- Dr. med. Günes Dogan**
Medizinische Hochschule Hannover –
Klinik für Herz-, Thorax-, Transplantations- und Gefäßchirurgie
- Prof. em. Dr. Alex Dommann**
ARTORG Center
- Prof. Dr. med. Stavros G. Drakos**
University of Utah
- Prof. Dr. med. David Duncker**
Medizinische Hochschule Hannover –
Klinik für Kardiologie und Angiologie
- Prof. Dr. med. Christian Eckmann**
Klinikum Hannoversch-Münden – Department of Surgery
- Univ. Prof. Dr. med. Frank Edelmann**
Deutsches Herzzentrum der Charité
- Professor Dr. Christine Falk**
Medizinische Hochschule Hannover –
Institut für Transplantationsimmunologie

SPEAKERS & MODERATORS

Dr. med. Maria M. Gabriel

Medizinische Hochschule Hannover – Klinik für Neurologie

Prof. Dr. med. Jasmin Hanke

Medizinische Hochschule Hannover –
Klinik für Herz-, Thorax-, Transplantations- und Gefäßchirurgie

Dr. med. habil. István Hartyánszky

Semmelweis University – Heart and Vascular Center

Prof. Dr. phil. nat. Denise Hilfiker-Kleiner

Medizinische Hochschule Hannover

Prof. Dr. med. Marius Hoeper

Medizinische Hochschule Hannover –
Klinik für Pneumologie und Infektiologie

Dr. med. Aiste Monika Jakstaite

Medizinische Hochschule Hannover –
Klinik für Kardiologie und Angiologie

Dr.-Ing. Sebastian V. Jansen

RWTH Aachen University –
Institut für Angewandte Medizintechnik

Prof. Dr. Susan M. Joseph

Thomas Jefferson University Hospital

Prof. Dr. Pascal Leprince

Sorbonne Université – Pitié-Salpêtrière

Univ. Prof. Dr. Dr. med. Philipp Lurz

Universitätsmedizin Mainz – Zentrum für Kardiologie

Dr. Polly Matzinger

NIAID

Prof. Dr. med. Anna Meyer

Universitätsklinikum Heidelberg – Klinik für Herzchirurgie

Prof. Dr. Béla Merkely

SEMMEIWEIS UNIVERSITY Budapest

Prof. Dr. med. Paul Mohacsi

HerzGefäßZentrum Zürich

PD Dr. med. Caroline Morbach

Universitätsklinikum Würzburg

Dr. med. Noémi Nyolczas

Military Hospital – State Health Center

Prof. Dr. med. Philip Raake

Universitätsklinikum Augsburg - I. Medizinische Klinik

Prof. Dr. Eduardo Rame

Thomas Jefferson University

SPEAKERS & MODERATORS

Prof. Dr. med. Petra Reinke

Charité – Fatigue Centrum

Prof. Dr. med. Arjang Ruhparwar

Medizinische Hochschule Hannover – Klinik für Herzchirurgie

Prof. Dr. med. Bastian Schmack

Medizinische Hochschule Hannover – Klinik für Herzchirurgie

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Prof. Dr. Sonja Schrepfer

UCSF – Department of Surgery

Prof. Dr. Simone Schürle-Finke

ETH Zürich – Medizinische Mikrosysteme

Prof. Dr. med. Andreas Serra

Zentrum für Nephrologie und Dialyse

Prof. Dr. med. Thomas Skripuletz

Medizinische Hochschule Hannover – Neurologie

PD Dr. med. Kristina Sonnenschein

Medizinische Hochschule Hannover –
Klinik für Kardiologie und Angiologie

Prof. Dr. med. Sebastian Spethmann

Deutsches Herzzentrum der Charité

Prof. Dr. Dr. med. Thomas Thum

Medizinische Hochschule Hannover –
Molekulare Therapiestrategien

Univ.-Prof. Dr. med. Carsten C. Tschöpe

Deutsches Herzzentrum der Charité

Prof. Dr. Nir Y. Uriel

Columbia University

Prof. Dr. med. Markus Wallner

Medical University of Graz – Kardiologie

Univ. Prof. Dr. med. Andreas Zirk

Medizinische Universität Graz

PD Dr. rer. nat. Robert Zweigerdt

Medizinische Hochschule Hannover



4th **ETS**
2026 Hannover

FURTHER INFORMATION

GENERAL INFO

VENUE

June 18–20, 2026
Medical Park Hannover
Feodor-Lynen-Straße 27
30625 Hannover
Germany

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- Prof. Dr. J.-D. Schmitto, Hannover Medical School
- Prof. Dr. P. Mohacsi, HerzGefäßZentrum Zürich

ORGANIZER



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PATRONAGE

Event endorsed by



GENERAL INFO

PARTICIPATION

Registration fees

	Early Registra- tion Fee (open until May 15, 2026)	Standard Registration Fee (open from May 16, 2026)	On-site Registra- tion Fee
Standard Fee	450,00 €	500,00 €	550,00 €
Students / Nurses:	300,00 €	300,00 €	300,00 €
Employees of the Medi- cal Center (MHH)	100,00 €	100,00 €	100,00 €

Registration via the online form is required. Please note that space is limited and registrations will therefore be processed on a first-come, first-served basis.

CERTIFICATION

The event has been submitted for certification to the Lower Saxony Medical Association and the European Accreditation Council for Continuing Medical Education (EACCME®).



REGISTER ONLINE NOW!

PROGRAM LUNCH SYMPOSIUM

THURSDAY | JUNE 18, 2026

12:30 pm - 13:00 pm	PRE-LUNCHSYMPOSIUM Stopping the Slide: Strategies to Prevent Advanced HF by Controlling Hypertension, Delivering GDMT, and Unmasking Cardiac Amyloidosis Early AstraZeneca GmbH <i>Chairs: J. Bauersachs (Hannover, D), D. Berliner (Hannover, D)</i>
12:30 pm	Hard-to-control hypertension <i>M. Böhm (Homburg, D)</i>
12:50 pm	Guideline-Directed Medical Therapy (GDMT): Early Implementation, Adherence and Outcome Optimization <i>F. Edelmann (Berlin, D)</i>
01:10 pm	Early Detection, Better Prognosis: Advancing the Management of Cardiac ATTR Amyloidosis <i>C. Morbach (Würzburg, D)</i>

FRIDAY | JUNE 19, 2026

01:00 pm - 02:00 pm	LUNCHSYMPOSIUM AMYLOIDOSIS - ADVANCED HF IN HFPEF Alnylam Germany GmbH <i>Chairs: D. Berliner (Hannover, D), S. Spethmann (Berlin, D)</i>
01:00 pm	Pathophysiology & epidemiology of amyloidosis <i>C. Morbach (Würzburg, D)</i>
01:30 pm	Diagnostics and treatment of amyloidosis in a dedicated amyloidosis center <i>U. Bavendiek (Hannover, D), T. Skripuletz (Hannover, D)</i>

SATURDAY | JUNE 20, 2026

12:30 pm -
01:00 pm

**LUNCHSYMPOSIUM
AFICAMTEN AND THE EVOLUTION OF
HOCM THERAPY: BRIDGING CLINICAL TRIALS
AND CLINICAL PRACTICE**
Cytokinetics Germany GmbH
*Chairs: K. Sonnenschein (Hannover, D),
S. Brandenburg (Göttingen, D)*

12:30 pm

Welcome and introduction
K. Sonnenschein (Hannover, D)

12:35 pm

**From single trees to a growing forest:
Comprehensive evidence from SEQUOIA-
HCM to FOREST-HCM**
*K. Sonnenschein (Hannover, D),
S. Brandenburg (Göttingen, D)*

12:45 pm

**From evidence to action:
Integrating aficamten as a nextinclass
therapy into clinical practice**
*K. Sonnenschein (Hannover, D),
S. Brandenburg (Göttingen, D)*

12:55 pm

Q&A: Discussion with the speakers

SPONSORS

WE WOULD LIKE TO THANK THE FOLLOWING
COMPANIES FOR THEIR KIND SUPPORT



Bayer Vital GmbH⁶
Berlin Heart GmbH⁶
Klinik Fallingbösel⁶
Novo Nordisk Pharma GmbH⁶

Disclosure of support in accordance with the extended transparency requirement of
the FSA Code for Healthcare Professionals (§20 para. 5):

1. 30.000 EUR | 2. 20.000 EUR | 3. 15.000 EUR | 4. 10.000 EUR |
5. 5.000 EUR | 6. 3.500 EUR

Exhibition space *) Symposium

