Registration Fee

There is no registration fee for the symposium, but we would like to encourage you to inform our scientific office about your planned attendance.

Accreditation

CME-Credits

The 3rd Munich Conference on Cardiac Development is certified by Bayerische Landesärztekammer (15 points).

Scientific Organisation

Prof. Dr. med. Peter Ewert
PD Dr. med. Markus Krane
Prof. Dr. med. Rüdiger Lange
Prof. Dr. med. Karl-Ludwig Laugwitz
Prof. Dr. med. Heibert Schunkert

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Gerard Pasterkamp
Utrecht, NL

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Bad Nauheim, GER
Bernhard Kühn
Braun, USA
Pilar Ruiz-Lazara
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Martin Dichgans
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Heyl Koermer
Göttingen, GER
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Fabienne Lescassard
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Thomas Eschenhagen
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Francesco Loffredo
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Xia Yang
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Howard Jacob
Huntsville, USA
Martin Paul
Maastricht, NL
Yoshinori Kojima
Kyoto, JPN

Keynote Speaker

Stefanie Dimmeler
Frankfurt, GER

Sponsors

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Location

Congress Venue
German Heart Center Munich, Main Auditorium
Lazarettstraße 36, D-81669 Munich, www.dhm.mhn.de

From the airport
Please take line S1 or S8 to „Hauptbahnhof“ (main station) and change to Underground line U1, leave at „Maihingerstraße“

How to reach us by public transport
Underground line U1 to Maihingerstraße, 5 min walk, or Tram line 20, 21 or 22 to Hochschule München, 20 min walk.

Please avoid using your car – there are no parking places around the German Heart Center Munich.
Dear colleagues and friends,

During the last years, innovative progress has been made in cardiac developmental biology, cardiovascular genetics and stem cell research, opening up new opportunities for the development of cardiac regenerative treatment strategies.

The 3rd Munich Conference on Cardiac Development – From current understanding to new regenerative concepts, will be held in the German Heart Center, Munich, Germany, on June 1st to 3rd 2016.

We are looking forward to welcoming you in Munich, share and discuss scientific issues and foster personal relationships with you!

Rüdiger Lange  
Karl-Ludwig Laugwitz  
Markus Krane  
Heribert Schunkert  
Peter Ewert

Wednesday, June 1st

Inauguration New Research Building 10:00 – 10:15
Opening Remarks Heribert Schunkert
Secretary of State, Ministry of Research and Education

Rolf Sulzer
Medical Director of the German Heart Center
Heribert Schunkert

Director of administration of the German Heart Center
Robert Siepert
President of the Technische Universität München (TUM)
Wolfgang Herrmann
Dean of the Medical Faculty of the TUM
Peter Hessinguean

11:45 – 12:00
Coffee break

Keynote Lectures Future challenges of cardiovascular research
13:10 – 12:00
European Perspective – President of the University of Maastricht Martin Paul

German Perspective – Chairman of the Deutsches Zentrum für Herz-Kreislauf-Forschung (DZHK) Thomas Eschenhagen

12:30 – 13:00
Munich Perspective – Speaker of the Munich Heart Alliance (MHA) Stefan Engelhardt

13:30 – 14:00 Official inauguration/wine, poster exhibition in the new research building

3rd Munich Conference on Cardiac Development From current understanding to new regenerative concepts
14:30 – 15:00
Opening Remarks Karl-Ludwig Laugwitz  

Genetics and precision medicine in cardiovascular research Chairs: Karl-Ludwig Laugwitz, Peter Ewert

15:00 – 15:30 Medical Informatics informing cardiovascular research Frans Kooren

15:30 – 16:00 Role of the extracellular matrix in cerebral small vessel disease Martin Dichgans

16:00 – 16:45 Bridging medicine and human genetics in cardiovascular disease Howard Jacob

16:45 – 17:00 Super eNOS hetzers to cardiac developmental and disease Samir Ounzain

Thursday, June 2nd

Genetics and precision medicine in cardiovascular diseases Chairs: Heribert Schunkert, Howard Jacob

4:00 – 9:30 Gone genetic/microenvironmental networks of coronary artery disease incl. Xia Yang

9:30 – 10:30 Athrombotic tissue dissected by OMICS technologies Gerhard Pollock

10:00 – 10:30 Design of cardiovascular drugs Matthias Tschopp

10:30 – 11:00 Coffee break

Inflammation and repair Chairs: Thomas Eschenhagen, Christian Weber

11:00 – 11:30 Immune faculty and cardiac remodeling Hendrik Sager

11:30 – 12:00 Heart regeneration and reprogramming by endogenous stem cells Patrick Hart

12:00 – 12:30 TGF-beta signaling in cardiac repair and fibrosis Nicholas Laufs

12:30 – 13:00 Lunch break

Clonal growth in cardiac development Chairs: Alessandra Moretti, Agnes Görlach

13:00 – 13:30 The role of differentiated cardiomyocytes and cardiac progenitors for heart repair: a translational experience Philipp Meinshausen

13:30 – 14:00 Title: TBA Bernhard Käh

14:00 – 14:30 Coffee break

Cardiac aging Chairs: Karl-Ludwig Laugwitz, Utz Hein

15:00 – 15:30 Generation and renewal of cardiomyocytes Olaf Bürgens

15:30 – 16:00 Understanding cardiac developmental mechanisms via single cell ATLAS-seq Sean Wu

16:00 – 16:30 Molecular control of postnatal cardiomyocyte proliferation Marcin Grzeszczak

16:30 – 17:00 Super enhancer loci to cardiac developmental and disease Saeid Durairan

Friday, June 3rd

Cardiac regeneration – Cardiomyocytes vs. non-cardiomyocytes Chairs: Utz Hein, Markus Krane

10:00 – 11:00 Microenvironmental influence on cardiac regeneration Elisd Taylor

11:00 – 11:30 Epicardial signaling and cardiac regeneration Phil K. Loos

11:30 – 12:00 A new cell purification method for purplur ontogenic stem cell-based regeneration Yoshinori Yoshida

12:00 – 13:00 Lunch break

Cardiac aging from large animal models to humans Chairs: Rüdiger Lange, Christian Kuppert

13:30 – 14:00 Human embryonic stem cell-derived cardiac progenitors for heart repair: a translational experience Philippe Moulinex

14:00 – 14:30 Coffee break

14:30 – 15:00 Keynote lecture Chair: Markus Krane

15:00 – 15:30 Circulating factors in cardiac aging Francesco Levine

15:30 – 16:00 Lineage reprogramming of fibroblasts into induced cardiac progenitor cells Timothy Kamp

16:00 – 16:30 Coffee break

16:30 – 17:00 Keynote lecture Chair: Markus Krane

17:00 – 18:00 Non-coding RNAs in cardiovascular disease and aging Stefanie Dimmler