

Dear Participants,

we are delighted to welcome you to the 1st DZHK Conference on Translational Medicine in Berlin and are hoping for lively discussions and a vivid exchange on translation across disciplines.

The main aim of the DZHK is to foster translational science in the cardiovascular field. Defining translation is simple and difficult at the same time as is the role of academia and public funders in this process. To explore international funding models and individual examples of translation and to share cutting edge scientific knowledge we have invited top-level-experts who will present their research at the interface of basic and clinical science as well as representatives of public funders, regulatory authorities and industry to exchange ideas and share their experience and view on translation.

We are looking forward to two exciting days in Berlin! Thank you for your participation.

Thomas Eschenhagen
Gerd Hasenfuß
Thomas Sommer
(DZHK Board of Directors)



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Venue

Langenbeck-Virchow-Haus
Luisenstraße 58/59
10117 Berlin

Dinner

Spiegelsaal/Clärchens Ballhaus
Auguststraße 24
10117 Berlin

Inquiries

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Conference organiser

Deutsches Zentrum für
Herz-Kreislauf-Forschung e. V. (DZHK)

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For more information

conference2017.dzhk.de



DZHK
DEUTSCHES ZENTRUM FÜR
HERZ-KREISLAUF-FORSCHUNG E.V.

1st DZHK
Conference on
Translational Medicine

11 – 12
January 2017

Langenbeck-
Virchow-Haus
Berlin

1st DZHK Conference on Translational Medicine
11 – 12 January 2017, Langenbeck-Virchow-Haus, Berlin

WEDNESDAY, 11 JANUARY 2017	
Coffee	
12:30 pm	Registration
Chairs: Thomas Sommer Andreas Zeiher	
1:30 – 1:40 pm	Thomas Eschenhagen Hamburg Welcome and Introduction
1:40 – 1:50 pm	Georg Schütte BMBF, Berlin The German Centres for Health Research: a contribution to effective Translational Medicine
1:50 – 2:10 pm	Jeremy Pearson BHF, London The BHF Excellence Centres
2:10 – 2:30 pm	Andreas Busch Bayer, Wuppertal New approaches in translational medicine at Bayer
2:30 – 2:50 pm	Claus Cichutek PEI, Frankfurt Development and regulation of biomedicines
Coffee break and poster	
Chairs: Heimo Ehmke Holger Gerhardt	
4:15 – 4:45 pm	Ana Pombo Berlin Genome Architecture Mapping (GAM), a novel approach to study 3D genome folding
4:45 – 5:15 pm	Peter Hegemann Berlin Optogenetics, where biophysics meets medicine
5:15 – 5:45 pm	Oliver Stegle Cambridge Genetic and molecular variability of induced pluripotent stem cells in the context of human disease
5:45 – 6:15 pm	Vasilis Ntziachristos Munich Optoacoustic Imaging
Break	
7:30 pm	Conference Dinner at Clärchens Ballhaus Dinner Speech: On the way to Additive Manufacturing: Overview & Outlook – industrial 3D Printing (after dinner) Peter Sander Airbus, Bremen

THURSDAY, 12 JANUARY 2017	
Chairs: Dorothee Atzler Wolfram Hubertus Zimmermann	
8:00 – 8:30 am	Nikolaus Rajewsky Berlin Linear and circular RNAs
8:30 – 9:00 am	Wilhelm Krek Zurich HIF signaling, alternative splicing and fructose metabolism in disease
9:00 – 9:30 am	Elizabeth McNally Chicago Genetic profiling to identify new treatment targets for myopathy
9:30 – 10:00 am	Eckhard Wolf Munich Xenotransplantation – new hope for transplantation medicine?
Coffee break	
Chairs: Stefan Engelhardt Tanja Zeller	
10:30 – 11:00 am	W.-G. Forssmann Hanover The use of human native peptide libraries for the discovery of novel drug candidates
11:00 – 11:30 am	Michele De Luca Modena Combined cell and gene therapy for epidermolysis bullosa
11:30 am – 12:00 pm	Stefanie Dimmeler Frankfurt Development of RNA therapeutics for cardiovascular disease
12:00 – 12:30 pm	Thomas Voit London Gene Therapy of striated muscle disorders
Lunch break and posters	
Chairs: Stefan B. Felix Vera Regitz-Zagrosek	
2:00 – 2:30 pm	W. Jonathan Lederer Baltimore Subcellular Calcium Signaling in Heart: Mechanisms and Mitochondria
2:30 – 3:00 pm	Johannes Backs Heidelberg Moving the target for future heart failure therapy – from CaMKII to HDAC4
3:00 – 3:30 pm	Kari Alitalo Helsinki Translational insights into vascular growth factors

THURSDAY, 12 JANUARY 2017	
3:30 – 4:00 pm	Garret FitzGerald Philadelphia Systemic consequences of the molecular clock
Coffee break	
Chairs: Stefan Kääh Lucie Carrier	
4:30 – 5:00 pm	Heribert Schunkert Munich Genetics of coronary artery disease
5:00 – 5:30 pm	Howard Jacob Huntsville Precision Medicine: Better Care & Better Research
5:30 – 6:00 pm	Michael R. Bristow Denver Pharmacogenomic-based drug development in heart failure
6:00 – 6:30 pm	Salim Yusuf Hamilton The polypill and its implications
Gerd Hasenfuß Göttingen	Concluding remarks
End of the meeting	



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