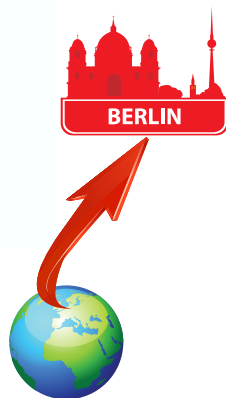


InGene-ious Cardiology - DIGITAL - Genetics of Congenital Heart Disease



16th DHZB Lange Symposium
September 25, 2021 Online



Dear colleagues,

We would again like to invite you to our annual symposium in Berlin in 2021.

The **16th DHZB Lange Symposium for Congenital Heart Disease** will take place on **September 25, 2021** online as a virtual meeting.

This year's symposium will be dedicated to the topic

“InGENe-ious Cardiology - Genetics of Congenital Heart Disease - DIGITAL”

In our program, we will focus on the role of genetics in the diagnosis, management and prognosis of inherited cardiovascular diseases. Some of the basic technologies, but also the latest developments in precision medicine will be presented. We will attempt to define who, when, and how to diagnose and treat patients, applying novel insights from genomic medicine. The different clinical entities, including congenital heart defects, arrhythmias and cardiomyopathies will be discussed in detail.

The main topics will be:

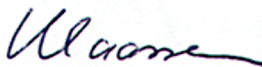
- **Basic Principles of Genetics**
- **Congenital Heart Defects**
- **Cardiomyopathy /Arrhythmia**
- **Genetic Testing**
- **Precision Medicine / Novel Technologies / DZHK-session**

Due to the COVID-19 pandemic we do not see the opportunity to hold this event live as the current and expected hygiene concepts do not allow enough place for the expected number of attendants.

We are very much looking forward to a very interesting symposium and hope that we will be able to welcome very many of you online in September 2021.



Prof. F. Berger MD
Director, Dept. of
Congenital Heart Defects/
Pediatric Cardiology



Prof. Sabine Klaassen MD
Scientific Committee
Dept. of Congenital Heart
Defects/Pediatric Cardiology



Prof. Titus Kühne MD
Scientific Committee
Dept. of Congenital Heart
Defects/Pediatric Cardiology

Education credits: CME 8 pts. and EBAC 7 pts.

Saturday, September 25, 2021

08:45	Opening	
09:00	Welcome and „warm-up“	Klaassen / Berger

I. Basic Principles of Genetics

Moderators: Klaassen / Hitz

09:15	Inherited Cardiovascular Disease	Elliott
09:45	Cytogenetics and copy number variants in CHD	Klopocki
10:05	Clinical interpretation of next generation sequencing (NGS) data	Monserrat
10:25	Break	

II. Congenital Heart Defects

Moderators: Klopocki / von Kodolitsch

10:40	Distinct genetic architecture for non-syndromic and syndromic CHD	Hitz
11:00	Genetic contributors to Tetralogy of Fallot	Rickert-Sperling
11:20	Genetic syndromes in CHD	Baban
11:40	Genetic diagnostics of inherited aortic diseases - Marfan syndrome	v. Kodolitsch
12:00	Lunch Break	

III. Cardiomyopathies / Arrhythmia

Moderators: Will / Berger

13:00	Chanellopathies as causes of SCD - how certain are we?	Will
13:20	Risk stratification in childhood HCM	Kaski
13:40	LVNC - Cardiomyopathy or not?	Klaassen
14:00	Break	

IV. Genetic Testing

Moderators: Klaassen

14:15	Actionable findings: - what do we need to consider?	Rieß
14:45	Practical guideline to genetic testing - what is the future?	Gerull
15:05	Genetic Quiz	Klaassen
15:35	Break	

V. Precision Medicine / Novel Technologies DZHK - Session

Moderators: Rickert-Sperling / Kühne

15:50	Individual personalised risk prediction	Schulze-Bahr
16:20	Remodelling of the heart proteome in cardiac disease	Nordmeyer
16:40	Bioinformatics - omics data processing and integration	Beule
17:00	Gene therapy for pediatric cardiomyopathy	Mearini
17:20	Wrap-up and closing remarks	Klaassen / Berger
17:30	End of the Symposium	

Faculty

Anwar Baban MD
Rome, Italy

Prof. Felix Berger MD
Berlin, Germany

Dieter Beule PhD
Berlin, Germany

Prof. Perry Elliott MD
London, UK

Prof. Brenda Gerull MD
Würzburg, Germany

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A Coruna, Spain

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Prof. Silke Rickert-Sperling
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Prof. Eric Schulze-Bahr MD
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Prof. Yskert von Kodolitsch
MD, Hamburg, Germany

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Berlin, Germany

Under the auspices of:



Deutsche Gesellschaft für
Pädiatrische Kardiologie und
Angeborene Herzfehler e.V.



DZHK

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Adult Congenital Heart Disease



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Donations



Organization and Registration

Scientific Committee:

Prof. F. Berger MD | Prof. S. Klaassen MD | Prof. T. Kühne MD

Organization Committee:

Heike Schultz | Daniela Moeske-Scholz

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Please register online:

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Registration fee:

Regular price: € 50

Reduced price € 40

(Juniors/Students/Nurses)

Please transfer the appropriate amount to:

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Education credits: CME 8 pts. and EBAC 7 pts.

**Hope to see you all again
in person at the
17th DHZB Lange Symposium
Berlin, September 10-11, 2022**

