

INTERNATIONAL SYMPOSIUM  
**FUTURE**  
**PERSPECTIVES IN**  
**CARDIOVASCULAR**  
**MEDICINE**

4<sup>TH</sup> - 6<sup>TH</sup> OCTOBER, 2018  
BERLIN, GERMANY

DEUTSCHE TELEKOM AG -  
HAUPTSTADTREPÄSENTANZ,  
BERLIN, GERMANY



Organized by:  
Professor Ulf Landmesser  
Cardiovascular Center - Charité  
Universitätsmedizin Berlin

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UNRESTRICTED GRANT BY



FONDAZIONE  
INTERNAZIONALE  
MENARINI



Dear colleagues,

It is with great pleasure to give you a warm welcome to the symposium “Future Perspectives in Cardiovascular Medicine” that has been organized with the Charité Universitätsmedizin Berlin.

We will discuss state of the art and future perspectives of cardiovascular medicine, including prevention and management of coronary disease, novel developments in treatment of valvular and structural heart disease, arrhythmia and heart failure. The important implications of multi-modality cardiovascular imaging approaches towards optimized clinical management will be highlighted.

Charité Berlin has an important history in cardiovascular medicine, including the nobel laureate Werner Forssmann, who first delivered a catheter to the heart that has opened a new door in management of cardiovascular disease. We will also discuss the important role of big data and digital health in the future approach towards cardiovascular disease.

We have an outstanding national and international faculty of experts and we are looking forward to welcoming you to the rapidly developing Berlin and the Charité.

*Prof. Ulf Landmesser  
President of the Meeting*

A handwritten signature in black ink, appearing to read 'Ulf Landmesser', with a long horizontal stroke extending to the right.

INTERNATIONAL SYMPOSIUM ON:  
**FUTURE PERSPECTIVES  
IN CARDIOVASCULAR MEDICINE**

**CONGRESS VENUE:**

**Deutsche Telekom AG – Hauptstadtrepräsentanz**  
Berlin, Germany

**UNDER THE AUSPICES OF:**

Charité Universitätsmedizin Berlin, Berlin (DE)

**PRESIDENT OF THE MEETING:**

Prof. Ulf Landmesser  
Charité Universitätsmedizin Berlin, Berlin (DE)

**SCIENTIFIC SECRETARIAT:**

Dr. Costantina Manes  
Julia Ghelych-Khani

**PROFESSIONAL CONGRESS ORGANIZATION:**

**Congress Lab**

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**WITH AN UNRESTRICTED GRANT BY:**

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## THURSDAY, OCTOBER 4<sup>TH</sup> 2018 - AFTERNOON

### OPENING CEREMONY

03.00 p.m.	Registration
04.00 p.m.	<b>U. Landmesser</b> (Berlin, DE) Introduction

### SESSION I – A GLIMPSE TO THE FUTURE

Chairpersons:	<b>U. Landmesser</b> (Berlin, DE) <b>J. Deanfield</b> (London, UK)
04.15 p.m.	<b>U. Laufs</b> (Leipzig, DE) Optimal use of antithrombotic treatment in prevention of atherosclerotic cardiovascular disease – when to start and how?
04.45 p.m.	<b>D. E. Newby</b> (Edinburgh, UK) The developing science of maintaining cardiovascular health: role and value of cardiac CT imaging
05.15 p.m.	<b>T. Lüscher</b> (London, UK) Future education and publication in cardiovascular medicine
05.45 p.m.	<b>B. Ference</b> (Cambridge, UK) Earlier start of cardiovascular prevention strategies will be key to success – case of mendelian randomization studies?
06.15 p.m.	<b>J. Deanfield</b> (London, UK) How to effectively start and deliver coronary and cardiovascular disease prevention?
06.45 p.m.	<b>C. MacRae</b> (Boston, US) New digital technologies and maintenance of cardiovascular health – “One Brave Idea?”
07.15 p.m.	Panel Discussion
08.15 p.m.	End of the day

## FRIDAY, OCTOBER 5<sup>TH</sup> 2018 – MORNING

### SESSION II – CORONARY DISEASE AND PREVENTION STATE OF THE ART & FUTURE PERSPECTIVES

Chairpersons:	<b>L. Tokgözoğlu</b> (Ankara, TR) <b>F. Mach</b> (Geneva, CH)
09.00 a.m.	<b>L. Tokgözoğlu</b> (Ankara, TR) Current and future role of vascular imaging in cardiovascular prevention and management
09.25 a.m.	Discussion
09.30 a.m.	<b>H. Schunkert</b> (Munich, DE) Genetics and pharmacogenomics in prevention and future management of coronary disease
09.55 a.m.	Discussion
10.00 a.m.	<b>F. Crea</b> (Rome, IT) Novel insights on mechanisms of acute coronary syndromes
10.25 a.m.	Discussion
10.30 a.m.	<i>Coffee break</i>

Chairpersons:	<b>H. Schunkert</b> (Munich, DE) <b>F. Crea</b> (Rome, IT)
11.00 a.m.	<b>M. Volpe</b> (Rome, IT) Novel approaches towards optimal management of arterial hypertension?
11.25 a.m.	Discussion
11.30 a.m.	<b>F. Cosentino</b> (Stockholm, SE) Diabetes and cardiovascular disease – novel therapeutic strategies
11.55 a.m.	Discussion
12.00 p.m.	<b>A. Virdis</b> (Pisa, IT) Hyperuricemia – Cardiovascular Risks
12.25 p.m.	Discussion
12.30 p.m.	<i>Lunch</i>

## FRIDAY, OCTOBER 5<sup>TH</sup> 2018 – AFTERNOON

### SESSION III – CORONARY DISEASE - STATE OF THE ART & FUTURE PERSPECTIVES ON NOVEL THERAPIES AND REVASCULARISATION

Chairpersons:	<b>S. Windecker</b> (Bern, CH) <b>U. Landmesser</b> (Berlin, DE)
01.30 p.m.	<b>P. Libby</b> (Boston, US) Inflammation as a therapeutic target in coronary disease – the road ahead?
01.55 p.m.	Discussion
02.00 p.m.	<b>F. Mach</b> (Geneva, CH) Perspectives on novel anti-atherosclerotic therapies
02.25 p.m.	Discussion
02.30 p.m.	<b>P. Serruys</b> (London, UK) Tailor-made decision making for surgical or percutaneous revascularization based on non-invasive imaging and comorbidities: the SYNTAX III trial
02.55 p.m.	Discussion
03.00 p.m.	<b>E.S. Regar</b> (Zurich, CH) Role of intracoronary imaging in understanding coronary pathophysiology and optimizing intervention
03.25 p.m.	Discussion
03.30 p.m.	<b>D. Leistner</b> (Berlin, DE) An interesting clinical case – intracoronary imaging-guided coronary intervention
03.45 p.m.	<b>P. Camici</b> (Milan, IT) Coronary microcirculation as a therapeutic target
04.10 p.m.	Discussion
04.15 p.m.	<i>Coffee Break</i>

FRIDAY, OCTOBER 5<sup>TH</sup> 2018 – AFTERNOON

SESSION IV – STRUCTURAL HEART DISEASE – CURRENT MANAGEMENT  
AND FUTURE PERSPECTIVES

Chairpersons:	<b>P. Serruys</b> (London, UK) <b>V. Falk</b> (Berlin, DE)
04.45 p.m.	<b>A. Cribier</b> (Rouen, FR) TAVR – state of the art and what more can we expect in the next years?
05.10 p.m.	Discussion
05.15 p.m.	<b>S. Windecker</b> (Bern, CH) Mitral and tricuspid valve repair/replacement – my approach today and what will happen in the next 5 years?
05.40 p.m.	Discussion
05.45 p.m.	<b>A. Lauten</b> (Berlin, DE) An interesting case
06.00 p.m.	End of the day

INTERNATIONAL SYMPOSIUM

# FUTURE PERSPECTIVES IN CARDIOVASCULAR MEDICINE

4<sup>TH</sup> - 6<sup>TH</sup> OCTOBER, 2018  
BERLIN, GERMANY





## SATURDAY, OCTOBER 6<sup>TH</sup> – MORNING

### SESSION V – ARRHYTHMIAS

Chairpersons:	<b>M. Huemer</b> (Berlin, DE) <b>G. Hindricks</b> (Leipzig, DE)
09.00 a.m.	<b>S. Ernst</b> (London, UK) Atrial fibrillation – novel concepts on pathophysiology
09.25 a.m.	Discussion
09.30 a.m.	<b>G. Hindricks</b> (Leipzig, DE) Ablation of atrial fibrillation – patient selection and novel strategies?
09.55 a.m.	Discussion
10.00 a.m.	<b>U. Landmesser</b> (Berlin, DE) Stroke prevention in atrial fibrillation – role of left atrial appendage closure?
10.25 a.m.	Discussion
10.30 a.m.	<b>C. Skurk</b> (Berlin, DE) LAA closure – an interesting case
10.45 a.m.	<i>Coffee Break</i>
11.15 a.m.	<b>M. Biffi</b> (Bologna, IT) Perspectives of cardiac device therapy
11.40 a.m.	Discussion
11.45 a.m.	<b>M. Huemer</b> (Berlin, DE) Ventricular tachycardia ablation – an interesting case
12.00 p.m.	<i>Lunch</i>



## SATURDAY, OCTOBER 6<sup>TH</sup> – AFTERNOON

### SESSION VI – HEART FAILURE, CARDIOMYOPATHIES, CARDIAC REGENERATION – FUTURE PERSPECTIVES

Chairpersons:	<b>H. Katus</b> (Heidelberg, DE) <b>B. Heidecker</b> (Berlin, DE)
01.00 p.m.	<b>P. Ponikowski</b> (Wroclaw, PL) Heart failure prevention and treatment – state of the art?
01.25 p.m.	Discussion
01.30 p.m.	<b>G. Thiene</b> (Padua, IT) Cardiomyopathy classification – role of pathology, imaging and genetics?
01.55 p.m.	Discussion
02.00 p.m.	<b>H. Katus</b> (Heidelberg, DE) Personalised medicine – novel approaches in patients with cardiomyopathy
02.25 p.m.	Discussion
02.30 p.m.	<i>Coffee Break</i>
03.00 p.m.	<b>H. P. Schultheiß</b> (Berlin, DE) Inflammatory cardiomyopathies - diagnosis and future therapeutic perspectives
03.25 p.m.	Discussion
03.30 p.m.	<b>B. Pieske</b> (Berlin, DE) Heart failure - with preserved ejection fraction – novel therapeutic strategies?
03.55 p.m.	Discussion
04.00 p.m.	<b>U. Landmesser</b> (Berlin, DE) Cardiac regeneration – future avenues?
04.25 p.m.	Discussion
04.30 p.m.	Panel Discussion
05.00 p.m.	End of congress

# GENERAL INFORMATION

## MEETING VENUE

The venue for the Meeting will be **Deutsche Telekom AG – Hauptstadtrepräsentanz, Französische Straße 33a-c, Berlin.**

<http://www.telekom-hauptstadtrepraesentanz.com/de/>

## SECRETARIAT DURING THE MEETING

The Secretariat will be open at the following times:

Thursday, October 4<sup>th</sup> 2018, from 03.00 p.m. to 08.30 p.m.

Friday, October 5<sup>th</sup> 2018, from 08.00 a.m. to 06.30 p.m.

Saturday, October 6<sup>th</sup> 2018, from 08.00 a.m. to 05.00 p.m.

## OFFICIAL LANGUAGE

The official language of the Meeting will be English.

## CONTINUING MEDICAL EDUCATION (CME)

The symposium is registered at the Ärztekammer Berlin and accredited with 15 credits.

## REGISTRATION

The Meeting is free to attend.

Please sign up here: [http://congresslab.it/international-symposium\\_berlin2018/](http://congresslab.it/international-symposium_berlin2018/)

For any question and support, please contact the Professional Congress Organization

Referee: Alessia Foti

Email: [fondazione@congresslab.it](mailto:fondazione@congresslab.it)

## TECHNICAL FACILITIES

Facilities will be available for computer presentations and overhead projections.

A business center with PC (Powerpoint for Windows) will be available for check and preview of presentations. It is essential that speakers take their presentation to the business center at least one hour before the session starts.

The center will be open at the following times:

Thursday, October 4<sup>th</sup> 2018, from 03.00 p.m. to 08.30 p.m.

Friday, October 5<sup>th</sup> 2018, from 08.00 a.m. to 06.30 p.m.

Saturday, October 6<sup>th</sup> 2018, from 08.00 a.m. to 05.00 p.m.

## LUNCHES AND COFFEE BREAKS

Lunches and coffee breaks will be served in the Meeting area.

## ABSTRACTS BOOK

Participants will receive the Abstract book at the Meeting.

## FACULTY

**Mauro Biffi**

Azienda Ospedaliera S.Orsola-Malpighi  
(Bologna, IT)

**Paolo Camici**

Vita Salute University  
(Milan, IT)

**Francesco Cosentino**

Karolinska Institute and Karolinska University Hospital  
(Stockholm, SE)

**Filippo Crea**

Catholic University of the Sacred Heart  
(Rome, IT)

**Alain Cribier**

University of Rouen  
(Rouen, FR)

**John Deanfield**

UCL Institute of Cardiovascular Sciences  
(London, UK)

**Sabine Ernst**

Imperial College London  
(London, UK)

**Volkmar Falk**

Deutsches Herzzentrum Berlin  
(Berlin, DE)

**Brian Ference**

University of Cambridge  
(Cambridge, UK)

**Julia Ghelich-Khani**

Charité Universitätsmedizin Berlin  
(Berlin, DE)

**Bettina Heidecker**

Heidelberg University Hospital  
(Berlin, DE)

**Gerd Hindricks**

University of Leipzig  
(Leipzig, DE)

**Martin Huemer**

Charité Universitätsmedizin Berlin  
(Berlin, DE)

**Hugo Katus**

Heidelberg University Hospital  
(Heidelberg, DE)

**Ulf Landmesser**

Charité Universitätsmedizin Berlin  
(Berlin, DE)

**Ulrich Laufs**

University Hospital Leipzig  
(Leipzig, DE)

**Alexander Lauten**

Charité Universitätsmedizin Berlin  
(Berlin, DE)

**David Leistner**

Charité Universitätsmedizin Berlin  
(Berlin, DE)

**Peter Libby**

Brigham and Women's Hospital  
(Boston, US)  
Harvard Medical School  
(Boston, US)

**Thomas Lüscher**

Research, Education & Development,  
Royal Brompton  
and Harefield Hospital Trust  
(London, UK)

**Francois Mach**

Geneva University Hospital  
(Geneva, CH)

**Calum MacRae**

Brigham and Women's Hospital  
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Harvard Medical School  
(Boston, US)

**Costantina Manes**

Charité Universitätsmedizin Berlin  
(Berlin, DE)

**David E. Newby**

University of Edinburgh  
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**Burkert Pieske**

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(Berlin, DE)

**Piotr Ponikowski**

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(Wroclaw, PL)

**Evelyn Silvia Regar**

University of Zurich  
(Zurich, CH)

**Heinz-Peter Schultheiß**

Institute of Cardiac  
and Diagnostic Therapy (IKDT)  
(Berlin, DE)

**Heribert Schunkert**

German Heart Centre Munich  
(Munich, DE)

**Patrick Serruys**

Imperial College London  
(London, UK)

**Carsten Skurk**

Charité Universitätsmedizin Berlin  
(Berlin, DE)

**Gaetano Thiene**

University of Padua  
(Padua, IT)

**Lale Tokgözoğlu**

Hacettepe University  
(Ankara, TR)

**Agostino Virdis**

University of Pisa  
(Pisa, IT)

**Massimo Volpe**

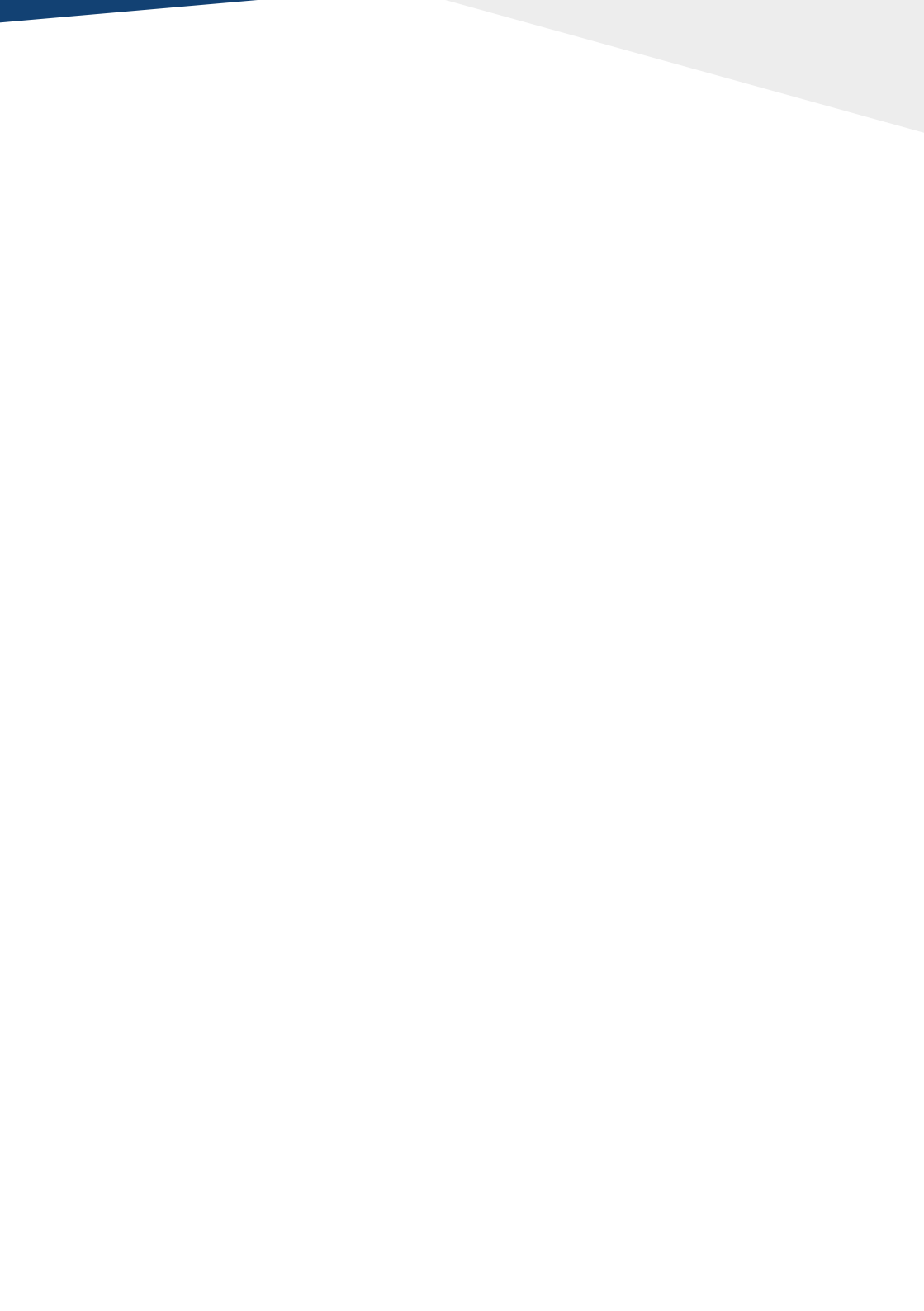
University of Rome Sapienza  
(Rome, IT)

**Stephan Windecker**

Swiss Cardiovascular Center Bern  
(Bern, CH)







Fondazione Internazionale Menarini  
Symposia n. 401



For more information and for the registration  
to the Congress, visit the following website:  
[www.fondazione-menarini.it](http://www.fondazione-menarini.it)