



Die **Berliner Medizinische Gesellschaft**  
Gegründet 1860, Rechtsfähig  
durch Königlich-Preussisches Dekret  
vom 6. Juli 1887 e.V.



Anlässlich der Verleihung der Ehrenmitgliedschaft  
der Berliner Medizinischen Gesellschaft an  
**Professor Dr. Roland Hetzer**  
laden die Berliner Medizinische Gesellschaft und die



Roland Hetzer International Cardiothoracic and Vascular Surgery Society

ein zu einer internationalen wissenschaftlichen Festveranstaltung:

# **RHICS 7<sup>th</sup> Expert Forum**

## **Treatment of Heart Failure: Drugs, Cath, or Cut?**

in den historischen Hörsaal des Langenbeck-Virchow-Hauses zu Berlin

Luisenstr 58/59,  
10117 Berlin  
**5.-6. April 2014**

**Die Teilnahme ist kostenlos**

## Ort der Veranstaltung / Venue

Langenbeck-Virchow-Haus  
Luisenstr. 58/59  
10117 Berlin

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Internet: [www.berliner-medizinische-gesellschaft.org](http://www.berliner-medizinische-gesellschaft.org)

## Busverbindungen und Parkmöglichkeiten

Bus 147 bis zur Haltestelle Charité - Campus Mitte. Der Bus hält direkt vor dem Haus.

Bus TXL bis Karlplatz, von dort sind es 3 Minuten Fußweg in Richtung Charité-Bettenhochhaus.

Parkhaus Luisenstr. 51 (ca. 200 m), Parkhaus Reinhardtstr. 27 (ca. 600 m), Parkplatz

## Public transport and car parking

Bus 147 to the stop Charité - Campus Mitte. The bus stops directly outside the venue.

Bus TXL to Karlplatz, then a 3-minute walk in the direction of the Charité tower.

Multi-storey car parks at Luisenstr. 51 (approx. 200 m) and Reinhardtstr. 27 (approx. 600 m), parking lot



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## **Berliner Medizinische Gesellschaft**

**Gegründet 1860, Rechtsfähig durch Königlich-Preussisches Dekret vom 6. Juli 1887 e.V.**

The Berliner Medizinische Gesellschaft (Berlin Medical Society) within the framework of this scientific congress bestows its honorary membership upon Professor Roland Hetzer in appreciation of his merits in the field of medicine.

Since its foundation in 1986, under the leadership of Roland Hetzer, the Deutsches Herzzentrum Berlin (DHZB, German Heart Institute Berlin) has developed into one of the largest heart centers in the world. From the very beginning until today, the DHZB has focused on treating unusual and difficult cases in all fields of cardiovascular disease, aside from offering the whole treatment spectrum and modalities. In over 28 years, a total of 74,430 open heart operations have been performed. In addition to being specialized in heart and lung transplantation, the DHZB boasts the largest program for the implantation of mechanical circulatory support systems (ventricular assist devices and total artificial hearts). In the 28 years, 1790 heart, 480 lung and 105 heart and lung transplantations have been performed and more than 2240 mechanical circulatory support systems implanted. The program of pediatric cardiac surgery has been fully developed since 1988 and is one of the largest pediatric cardiac surgery programs in Germany and in the world.

Based upon the continuous development and employment of innovative therapeutic strategies such as regenerative stem cell transplantation after myocardial infarction or hybrid surgery, the DHZB maintains its leading position in the context of rapidly advancing medical technology. Thousands of patients from all over the world owe their health or even their lives to treatment by the DHZB and the efforts of Roland Hetzer and his colleagues.

The Berlin Medical Society thanks the Roland Hetzer International Cardiothoracic and Vascular Surgery Society for sharing the organization of this meeting with the Berlin Medical Society. The latter, being one of the oldest medical societies in the world, is proud to welcome Roland Hetzer as its newest honorary member. We will do everything possible to prove worthy of our new honorary member.

**Prof. Dr. med. Dr. h.c. mult. Helmut Hahn**  
President  
Berliner Medizinische Gesellschaft

**Prof. Dr. med. Ivar Roots**  
Vice-President  
Berliner Medizinische Gesellschaft

## 10:00 **Opening Session: Awarding Ceremony**

Musical opening Kammersänger Jochen Kowalski

Welcome address Prof. Dr. Helmut Hahn  
President, Berlin Medical Society

Greetings Dr. Günter Jonitz  
President, Berlin Physicians' Association

Prof. Dr. Joachim Jähne  
President, German Society of Surgeons

Mario Czaja  
Senator for Health and Social Affairs,  
Senate of Berlin

Ulf Fink  
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Former Senator for Health and Social Affairs,  
Senate of Berlin

Lutz Krieger  
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Prof. Dr. Yuri Belenkov  
Medical Director, University Hospital  
Lomonossov University Moscow, Russian Federation

Musical intermission Kammersänger Jochen Kowalski

Remarks Patients

**Session 1** Bestowal on Prof. Dr. Roland Hetzer (Medical Director and  
Chairman of the Department of Cardiothoracic and Vascular  
Surgery, Deutsches Herzzentrum Berlin) of Honorary  
Membership of the Berlin Medical Society

Laudatio Prof. Dr. Helmut Hahn

Response Prof. Dr. Roland Hetzer

Musical intermission Kammersänger Jochen Kowalski

13:00 Lunch

## Scientific sessions

14:15 Session opening remarks Roland Hetzer (Germany)

### Session 2

Medical Advancements in Heart Failure Therapy

Chair: Paul Mohacsi, Burkert Pieske

14:30 State of the art in medical treatment of heart failure Paul Mohacsi (Switzerland)

14:50 Types of disease and pathophysiology Burkert Pieske (Austria)

15:10 Cardiac resynchronization therapy in heart failure Helmut Klein (USA)

15:30 Biomarkers in heart failure Thomas Breithardt (Switzerland)

15:50 Telemonitoring Mathias Rauchhaus (Germany)

16:10 Coffee break

16:30 Imaging in heart failure Jeanette Schulz-Menger (Germany)

16:50 Myocardial recovery after MCS Michael Dandel (Germany)

17:10 Post myocardial infarct left ventricular remodelling Vincent Dor (Monaco)

17:30 Stem cell therapy Christof Stamm (Germany)

17:50 Expert panel discussion:

Chair: Roland Hetzer

Helmut Klein, Paul Mohacsi, Burkert Pieske, Christof Stamm, Vincent Dor

18:30 End of session

- 9:00 **Session 3:** Surgical Treatment Options  
Chair: Jürgen Ennker, Christof Schmid
- 9:00 Overview of surgery for heart failure Roland Hetzer (Germany)
- 9:10 Differential cardiac remodeling in heart failure Gerd Hasenfuß (Germany)
- Organ conserving surgery**
- 9:30 Mitral valve repair in poorly functioning left ventricle Friedrich W. Mohr (Germany)
- 9:50 Functional mitral repair in non-ischemic failing heart Gilles Dreyfus (Monaco)
- 10:10 Ischemic mitral insufficiency in heart failure Herbert Vetter (Germany)
- 10:30 Left ventricular restoration Tadeo Tedoriya (Japan)
- 10:50 Revascularization surgery Jürgen Ennker (Germany)
- 11:10 Coffee break
- 11:30 Heart transplantation Christopher McGregor (United Kingdom)
- 11:50 Role of ventricular assist devices Pascal Leprince (France)
- 12:10 The total artificial heart Matthias Loebe (USA)
- 12:30 ECMO in treatment of heart failure Christof Schmid (Germany)
- 12:50 Transapical aortic valve implantation in the failing heart Miralem Pasic (Germany)
- 13:15 **Expert panel discussion**  
Chair: Roland Hetzer  
Vincent Dor, Gilles Dreyfus, Matthias Loebe, Christopher McGregor, Paul Mohacsi, Friedrich Mohr
- 14:00 Closing remarks Roland Hetzer  
Helmut Hahn
- 14:15 Lunch



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# Berliner Medizinische Gesellschaft



Berliner Medizinische Gesellschaft  
Gegründet 1860, Rechtsfähig durch  
Königlich-Preussisches Dekret vom 6. Juli 1887 e.V.



Vorsitzender: Prof. Dr. Dr. h.c. mult. Helmut Hahn

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## Berlin Medical Society (BMS)

When, in the first half of the 19th century, medicine in tandem with the rapidly progressing natural sciences, became a rational science, the plethora of new facts and concepts soon exceeded the capacity of the individual physician to cope with the new challenges. A need developed, in Rudolf Virchow's words, "for a point where the many individual interests and tidbits of knowledge come together, are structured, and are put to use in all different directions which are offered by our science in such a multitude and variety." To meet this demand, BMS

was founded in 1860 by a group of foresighted physicians with visions of progress and change. Albrecht von Graefe, the famous ophthalmologist, was elected BMS's first president. Certainly, at the age of 154 years by now, BMS ranks amongst the oldest medical societies in the world.

According to its statutes, BMS "fosters scientific efforts in the whole field of medicine, strengthens collegiality amongst, and protects the professional interests of, all physicians." BMS soon came to represent "the whole orbit of medical sciences". All, but few, Berlin physicians of reputation were members. The society's success rested on the high degree of trustworthiness of the information presented and its usefulness for the application by practicing physicians in their efforts to help their patients. The motto "Scientific information for all physicians" has always been, and still is, our binding guideline. The value of such a commitment, at a time when the term evidence-based medicine and the strong regulations which govern our medical system were unknown, can surely not be overestimated.

Right from the beginning, until today, the Society, in its scientific lectures, has dealt and still deals with timely and innovative medical topics as presented by the very best authorities in their respective fields. Many milestones in medicine were presented in the course of BMS' lectures for the first time; to name just one example: Paul Ehrlich's concept of selective toxicity in fighting infections (the "magic bullet" theory), which marks the beginning of the era of rational chemotherapy, was first made public in his BMS lecture of February 13, 1907. Between the wars and after World War 2, this tradition was continued with topics such as HIV/AIDS, Papilloma-virus vaccine, BSA, SARS, and many others. Many had been presented by Nobel laureates or those who were to become ones later, such as Perutz, the Ruska brothers, Lynen, Eigen, Neher, Zinkernagel, Blobel, zur Hausen, and the ill-fated Ralph Steinman.

In 1915, the Berlin Medical Society and the German Society for Surgery jointly built Langenbeck-Virchow House as their residence. Due to the rapid political changes in the last century, the building underwent dramatic changes of usage and ownership: it was seized in 1945 by the Red Army and expropriated in 1949 by the East German Government to be utilized as its parliament ("Volkskammer"). After German Reunification in 1990, it took the original owners 12 years of fighting in court to successfully reclaim the building. Due to generous sponsoring by the BBraun/Aesculap Medical Products Company, the building was renovated and modernized in 2004/05. It now presents itself as a full-fledged congress center and also seat of headquarters of 25 professional medical societies with 80 000 member physicians. In addition, the worldwide operating Aesculap Academy, situated on the 5th floor of the building, is making it an important center for Continuing Medical Education (CME). Being the residence, too, of Koch-Metchnikoff Forum, a German-Russian Health organization, Langenbeck-Virchow House serves as a base for the export of medical competence to Eastern Europe, especially Russia and other post-SU states.

Our honorary members list reflects the history of European medicine over the past 150 years. Berlin Medical Society is proud to welcome Professor Roland Hetzer to this distinguished group of people.

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## **Roland Hetzer International Cardiothoracic and Vascular Surgery Society**

To honor the mentorship, leadership and contributions of Prof. Dr. Roland Hetzer in the field of cardiothoracic and vascular surgery, the Roland Hetzer International Cardiothoracic and Vascular Surgery Society (RHICS) was founded by cardiothoracic and vascular surgeons who have trained and worked under Prof. Hetzer, including former students, present staff and colleagues from all over the world. The exclusive objectives of the RHICS are:

1. to provide a forum for expert discussion on relevant cardiothoracic issues, to set up guidelines based on conclusions derived from this expert opinion forum
2. to promote cardiothoracic surgical education skills from beyond standardized and statistical (experience-based) medicine to a patient-based medicine wherein treatment approaches are individualized and personalized, and specific high-quality treatment is tailored to the patients' unique pathology so as to give them an optimal quality of life, after surgery
3. to promote continuing medical education through the holding of regular symposia and meetings and the continuance of clinical and experimental research efforts and the publication of the results in scientific journals, and
4. to foster international collaboration and cooperation in clinical practice and scientific research in cardiothoracic and vascular surgery and associated fields.

The RHICS thus hopes to continue the legacy of Prof. Hetzer.

After its conception (by Drs. Delmo Walter, Ennker and Loebe) on January 29, 2010 and tremendous concerted efforts by Drs. Gerhard Ziemer, Harald Hausmann, Michele Musci, Thomas Krabatsch, Charles Yankah, Ralf Sodian, Luc Tambeur, Hermann Kuppe and Boris Nasser, the RHICS was legally founded on May 20, 2011 at 17:30, in the presence of its lawyer, Dr. Maren Bedau, and the Honorary President himself, Prof. Roland Hetzer.

The Constitution was signed by Drs. Ziemer, Ennker, Hausmann, Delmo Walter, Musci, Nasser and Kuppe with distant attendance of M. Loebe (via teleconference from Houston, Texas, USA), which took place at the Deutsches Herzzentrum Library.

The RHICS Society was formally inaugurated on June 13, 2011 at the Hotel Intercontinental Berlin. It is now recognized by the German Tax Authorities as a non-profit, tax-exempted scientific organization.



## Roland Hetzer International Cardiothoracic and Vascular Surgery Society

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Roland Hetzer

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## **Announcement**

### **RHICS 8th Expert Forum**

during 28th Annual Meeting of the European Association for Cardiothoracic Surgery (EACTS),  
11-15 October 2014, Milan, Italy

### **RHICS 9th Expert Forum**

November 2014, Hong Kong

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