About the Symposium
Wounding and healing are archaic principles, prerequisites for survival of any biologic material. Strategies to cope with wounding may be quite different among organisms, species or among various organs of one species. It is likely, however, that there are general basic principles of reaction to wounding. Medical art in this field dates back to mankind's archaic state since the wound was the major challenge for any healer during the largest part of human history. Experience and ongoing research in various disciplines of medicine in this field are independent and not widely communicated. The present symposium, therefore, tries to unify experts of some disciplines to discuss similarities and differences of basic principles of wound healing in the context of cardiovascular disease, impaired healing and potential interventions to improve healing. The meeting will focus on the interdisciplinary aspects of healing after myocardial infarction and cover rare diseases, imaging, involvement of non-cardiac organs, selected principles of injury and healing, and the role of endogenous and exogenous cells for healing.

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**Friday, July 9, 2010**

12.30-2.00 p.m.  Get Together Reception

### Opening Addresses

2:00 p.m.  **J. Hacker, Halle**  
President, Leopoldina Academy

2:05 p.m.  **R. Kolloch, Bielefeld**  
Deutsche Ges. Innere Medizin

2:10 p.m.  **M. Lohse, Würzburg**  
Vice-President, Würzburg University

2:15 p.m.  **C. Reiners, Würzburg**  
Medical Director, University Hospital Würzburg

2:20 p.m.  **U. Walter, Würzburg**  
Speaker, Sonderforschungsbereich 688

2:25 p.m.  **J. Bauersachs, Würzburg**  
Medizinische Klinik I

### Heart Failure Syndrome – beyond the Heart

**Chair:**  
**B. Allolio, Würzburg**  
**R. Leyh, Würzburg**

2.45 p.m.  **G. Stoll, Würzburg**  
Germ-line stem cells for cardiac repair

3.10 p.m.  **W. Seeger, Gießen**  
Cor hypercaloricus - Morbus McDonalds of the heart

3.35 p.m.  **Coffee Break**

4.05 p.m.  **J. Mann, München**  
Ventricular remodeling in storage diseases

4.30 p.m.  **R. Tian, Seattle**  
Calcium signaling and healing

4.55 p.m.  **H. Schunkert, Lübeck**  
Genetic principles of myocardial infarction and healing

5.20 p.m.  **Coffee Break**

### Stem Cells for Healing

**Chair:**  
**M. Kuhn, Würzburg**  
**H. P. Schultheiss, Berlin**

5.50 p.m.  **G. Hasenfuss, Göttingen**  
Microvascular injury and healing

6.15 p.m.  **A. M. Zieher, Frankfurt**  
Microvascular injury and healing

6.40 p.m.  **P. Anversa, Boston**  
Microvascular injury and healing

8.00 p.m.  **Dinner Bürgerspital**

**Saturday, July 10, 2010**

8.30 a.m.  **Get Together Reception**

### Imaging and Healing

**Chair:**  
**U. Sechtem, Stuttgart**  
**A. Haase, München**

9.00 a.m.  **F. Weidemann, Würzburg**  
Calcium signaling and healing

9.25 a.m.  **M. Nahrendorf, Boston**  
Calcium signaling and healing

9.50 a.m.  **W. Bauer, Würzburg**  
Calcium signaling and healing

10.15 a.m.  **Coffee Break and Postersession**

**Postersession**

**Chair:**  
**C. Wanner, Würzburg**  
**J. Schrader, Düsseldorf**  
**E. Bassenge, Freiburg**

11.30 a.m.  **M. Pfeffer, Boston**  
Left ventricular healing and remodeling

12.30 p.m.  **Lunch**

### Selected Principles of Injury and Healing I

**Chair:**  
**H. M. Piper, Düsseldorf**  
**U. Ravens, Dresden**

1.20 p.m.  **B. Maisch, Marburg**  
Immunotherapy in inflammatory cardiomyopathies

2.10 p.m.  **G. Heusch, Essen**  
Microvascular injury and healing

2.40 p.m.  **Coffee Break**

### Selected Principles of Injury and Healing II

**Chair:**  
**J. Deckert, Würzburg**  
**T. Meinertz, Hamburg**

3.00 p.m.  **L. Neyses, Manchester**  
Calcium signaling and healing

3.25 p.m.  **S. Frantz, Würzburg**  
Platelets and cardiac healing

3.50 p.m.  **M. Gawaz, Tübingen**  
Platelets and cardiac healing

4.15 p.m.  **Poster prizes / Concluding remarks**

**Chair:**  
**S. Frantz, Würzburg**  
**J. Bauersachs, Würzburg**  
**G. Ertl, Würzburg**

6.00 p.m.  **Dinner Residenz**