

Dear colleagues,

Average life span and life expectancy in the industrial nations have grown dramatically in the last century. Age-related diseases will become of major interest. The hope of gerontologists and geriatrics is that insights into the biology of ageing can be used to fight the diseases and disabilities associated with old age to make sure this period of life is healthy, active and independent.

Biomarkers of ageing should help to characterize the individual biological age and could be subsequently used to identify individuals at high risk of developing age-associated diseases or disabilities. The purpose of this meeting is (1) to make the general public more aware of the problems of age related diseases and especially of cardiovascular aging and (2) to promote greater communication among the worldwide community of individuals engaged in biomedical ageing research especially between basic scientists and clinicians.

The congress will continue meetings on ageing in Halle (Saale) and thereby hopefully develop to a focus on ageing research in Germany. It will comprise invited talks and poster sessions. There will be no concurrent sessions.

We are looking forward to welcoming you to Halle (Saale) for a most exciting and enjoyable meeting.

Cordially,

Rolf-Edgar Silber

Andreas Simm

# Biomarkers of Ageing: from Molecular Biology to Clinical Perspectives

meeting language English

## Friday September 18<sup>th</sup> 2009

**18:00 opening**  
Andreas Simm

### *Address*

**D. Szabados**, Mayor of the City Halle (Saale)  
**M. Gekle**, Vice Dean of Research Medical Faculty  
**I. Hansmann**, German Academy of Sciences Leopoldina  
**T. Klöss**, Medical Director of the University Hospital  
**M. Gogol**, German Society of Gerontology & Geriatrics  
**R.-E. Silber**, Department of Cardiothoracic Surgery

### *Keynote lecture and Schober award*

**Laudation Thomas E. Johnson:**  
by Thomas A. Rando, Palo Alto, USA

**Keynote lecture:**  
Thomas E. Johnson,  
University of Colorado, Boulder, USA  
*“Biomarkers of Ageing”*

### **20:00 Come Together**

## Saturday September 19<sup>th</sup> 2009

08:00 – 10:00 Session 1

### **Biomarkers of Ageing**

*Speakers:* Alexander Bürkle, Konstanz, D  
Helen Griffiths, Birmingham, UK  
Lenhard Rudolph, Ulm, D  
Thomas von Zglinicki, Newcastle, UK

10:00 – 10:30 Coffee Break

10:30 – 12:30 Session 2

### **Protein Based Biomarkers**

*Speakers:* Tilmann Grune, Hohenheim, D  
Andreas Simm, Halle (Saale), D  
Peter Kristensen, Aarhus, DK  
Chitty C. Chen, Gent, B

12:30 – 13:30 Lunch Break

13:30 – 15:30 Session 3

### **Biomarkers of Age-Related Diseases I**

*Speakers:* Clemens Becker, Stuttgart, D  
Christos Zouboulis, Dessau, D  
Petra Boukamp, Heidelberg, D  
Clemens Schmitt, Berlin, D

15:30 – 16:30 Poster Session/Coffee Break

16:30 – 18:30 Session 4

### **Ethical Issues**

*Speakers:* Manfred Gogol, Copenbrügge, D  
John K. Davis, Fullerton, USA  
Peter Kampits, Wien, A  
Reimer Gronemeyer, Gießen, D

### **20:00 Gala-Dinner (Moritzburg)**

## Sunday September 20<sup>th</sup> 2009

08:30 – 10:30 Session 5

### **Biomarkers of Age-Related Diseases II**

*Speakers:* Johannes Haerting, Halle (Saale), D  
Matthias Girndt, Halle (Saale), D  
Andrea B. Maier, Leiden, NL  
Gerald Muench, Sydney, AUS

10:30 – 11:30 Poster Session/Coffee Break

11:30 – 13:30 Session 6

### **Maintenance, Repair and Regeneration**

*Speakers:* George Martin, Seattle, USA  
Jan Hoeijmakers, Rotterdam, NL  
Stathis Gonos, Athen, GR  
Thomas A. Rando, Palo Alto, USA

**Meeting program, organisation,  
registration:**

[www1.medizin.uni-halle.de/ageing](http://www1.medizin.uni-halle.de/ageing)

**Abstract Deadline July 31<sup>th</sup> 2009**

**Registration fee 150 €/75 €students**

**Involved working groups:**

Experimental Gerontology  
(German Society of Gerontology and Geriatrics)

Heart Diseases in the Elderly  
(German Society of Cardiology)

The Elderly Patient in Cardiac Surgery  
(German Society of Thoracic and  
Cardiovascular Surgery)

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(in alphabetical order)

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**How to get to us:**

By plane: Use the airport Leipzig/Halle.  
There is a direct train connection to Halle  
main station (10 - 15 min).

By car: Halle is located at the crossways of the  
expressways A9 and A14.

By train: from Berlin (1.5h), Frankfurt (4h),  
Hamburg (4h), Munich (5h).

You find the locations of the meeting on the meeting-  
web-site as well as on an interactive side of the town of  
Halle (Saale).

[www.halle.de](http://www.halle.de) the map is located at the upper right  
part of the website (Stadtplan)

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**Venue**

Meeting: Löwengebäude  
Universitätsplatz 11  
06108 Halle (Saale)

Gala-Dinner: Moritzburg  
Friedemann-Bach-Platz 5  
06108 Halle (Saale)

Meeting organizers: Andreas Simm  
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Rolf-Edgar Silber  
Department of Cardiothoracic Surgery

Karl Werdan  
Department of Internal Medicine III

# Biomarkers of Ageing: from Molecular Biology to Clinical Perspectives

## September 18<sup>th</sup> – 20<sup>th</sup> 2009

University Hospital Halle (Saale)  
Department of Cardiothoracic Surgery  
Department of Internal Medicine III



in cooperation with

**German Academy of Sciences Leopoldina**

**German Society of Gerontology and Geriatrics  
(DGGG)**

**German Society of Cardiology  
(DKG)**

**German Society of Thoracic and  
Cardiovascular Surgery  
(DGTHG)**