

## Scientific Organization

Michael Bader, Gerd Hasenfuß, Vera Regitz-Zagrosek

### FOR1054 Project Partners

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### Jointly organized by

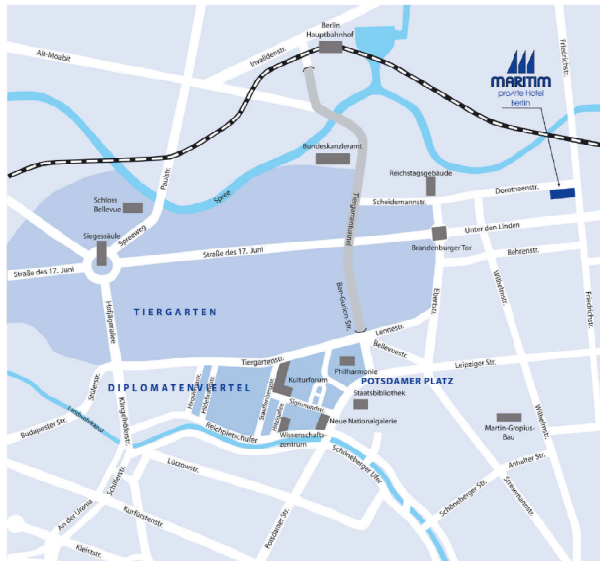
- DFG Research Group FOR1054
- IP EUGeneHeart (EU 018833)
- Institute of Gender in Medicine (GiM)

### Supported by EU FP6

## Location

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## Organization

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## Registration

Please register via email: [gim-office@charite.de](mailto:gim-office@charite.de)

### Registration Fees

Full (before November 1):	250 €
Early Bird (before July 15):	150 €

*No on-site registration!*

### Please pay by transfer to bank account

- ▷ Account holder: Charité - Universitätsmedizin Berlin
- ▷ Berliner Bank, Bank sorting code: 100 200 00
- ▷ Account no.: 33 86 60 07 00
- ▷ IBAN code: DE75 1002 0000 3386 6007 00
- ▷ SWIFT code (BIC): BEBEDEBB
- ▷ Purpose: (imperative to state): 210 334 and your name

### Evening Program

Welcome Dinner on Thursday,	25.11.2010
Concert Program on Friday,	26.11.2010

For participants and accompanying persons:  
Please contact [gim-office@charite.de](mailto:gim-office@charite.de)



# Gender and Myocardial Hypertrophy



## November 26-27, 2010

DFG Research Group:  
Sex Differences in Myocardial Hypertrophy  
EUGeneHeart  
GiM

Institute of Gender in Medicine (GiM)



Friday, Nov. 26, 2010

Lectures

- 08.30 **Sex Differences in Cardiovascular Phenotypes**  
*Chairs: G. Ertl, Würzburg; T. Force, Philadelphia*  
**Sex Differences in Myocardial Hypertrophy**  
*V. Regitz-Zagrosek, Berlin*  
**Sex Differences in Myocardial Infarction**  
*Gerd Hasenfuss, Goettingen*  
**Exercise-Induced Cardiac Hypertrophy and Adipose-Tissue Lipolysis**  
*Ulrich Kintscher, Berlin*  
**Sex-Specific Effects of HDACs on Angiogenesis**  
*Leon de Windt, Maastricht*
- 10.10 Coffee Break
- 10.30 **Mechanisms for Sex Differences: Growth Hormone and Eicosanoids**  
*Chairs: J.-L. Samuel, Paris; W.-H. Schunck, Berlin*  
**Growth Hormone Regulation of Liver Sex Differences**  
*D.J. Waxman, Boston*  
**Energy Metabolism in Heart Failure**  
*R. Ventura-Clapier, Paris*  
**Sex-Specific Expression of Eicosanoids and their Role in Cardiac Hypertrophy**  
*D. Müller, Berlin*  
**CYP-Derived Eicosanoids in the Regulation of Cardiovascular Function**  
*I. Fleming, Frankfurt*
- 12.10 Lunch Break
- 13.15 **Nuclear Receptors, E2 & Androgens**  
*Chairs: J. Spranger, Berlin; J.A. Gustafsson, Stockholm*  
**ER  $\alpha$  Modifications and Cardiovascular Function**  
*J.F. Arnal, Toulouse*  
**ER  $\beta$  - a new Concept in Estrogen Signaling with Exciting Novel Implications for Cardiometabolic Disease**  
*J.A. Gustafsson, Houston*  
**Androgen Receptors in Cardiovascular Function**  
*M. Bader, Berlin*
- 14.30 **Hot Topics**  
**Cardiovascular Phenotypes of ER  $\alpha$  Over-Expression**  
*J. Leber, Berlin*  
**Voluntary Exercise in ER  $\alpha$  and ER  $\beta$  Deleted Mice**  
*E. Dworatzek, Berlin*
- 15.00 Coffee Break

- 15.30 **Role of ER in Myocardial Signalling and Adaptation**  
*Chairs: F.C. Luft, Berlin; L. Carrier, Hamburg*  
**The Role of wnt Signalling in Cardiac Growth**  
*T. Force, Philadelphia*  
**mTOR Pathway in Adaptive and Maladaptive Hypertrophy**  
*D. Dragun, Berlin*  
**Identification and Characterization of New Estrogen Receptor Co-Factors**  
*O. Huber, Jena*  
**Local, Cardiac Actions of ANP**  
*M. Kuhn, Würzburg*  
**Myocardial Interaction Partners of Estrogen Receptors: Focus on NPPA**  
*S. Mahmoodzadeh, Berlin*

Saturday, Nov. 27, 2010

Lectures

- 08.30 **Genetics and Proteome**  
*Chairs: N. Hübner, Berlin; T. Eschenhagen, Hamburg*  
**Gender-Specific Phenotypes in the Gutenberg Heart Study**  
*S. Blankenberg, Mainz*  
**Genetic Polymorphisms and Sex Differences in Gene Expression Profiles**  
*F. Cambien, Paris*  
**Mouse Models for Studying Hormonal and Genetic Origins of Sex Differences in Disease**  
*A. Arnold, Los Angeles*  
**Sex-Specific Protein Expression in the Heart Proteome**  
*J. Klose, Berlin*
- 10.10 Coffee Break
- 10.40 **Molecular Mechanisms in Myocardial Hypertrophy and Clinical Aspects**  
*Chairs: R. Hetzer, Berlin; G. Hasenfuss, Goettingen*  
**Normal and Hypertrophic Cardiac Growth**  
*N. Frey, Kiel*  
**E2 and Physiological Heart Growth**  
*G. Kararigas, Berlin / H. Jarry, Goettingen*  
**Gender Differences in Response to Cardiac Resynchronization Therapy (the MADIT-CRT Study)**  
*D. Knappe, Hamburg*  
**Gender in Cardiac Surgery**  
*R. Hetzer, Berlin*  
**Gender Differences in the Manifestation of Tako Tsubo Cardiomyopathy**  
*B. Schneider, Lübeck*
- 13.00 Lunch

Faculty

Prof. Dr. Christiane **Angermann**, Würzburg, DE  
Prof. Dr. Jean-Francois **Arnal**, Toulouse, FR  
Prof. Dr. Arthur **Arnold**, Los Angeles, USA  
Prof. Dr. Michael **Bader**, Berlin, DE  
Prof. Dr. Stefan **Blankenberg**, Mainz, DE  
Prof. Dr. Francois **Cambien**, Paris, FR  
Dr. Lucie **Carrier**, Hamburg, DE  
Prof. Dr. Duska **Dragun**, Berlin, DE  
Dr. Elke **Dworatzek**, Berlin, DE  
Prof. Dr. Georg **Ertl**, Würzburg, DE  
Prof. Dr. Thomas **Eschenhagen**, Hamburg, DE  
Prof. Dr. Ingrid **Fleming**, Frankfurt, DE  
Prof. Dr. Thomas **Force**, Philadelphia, USA  
Prof. Dr. Norbert **Frey**, Kiel, DE  
Dr. Karl-Heinrich **Fritzemeier**, Berlin, DE  
Prof. Dr. Jan-Ake **Gustafsson**, Houston, USA  
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Prof. Dr. Ulrich **Kintscher**, Berlin, DE  
Prof. Dr. Joachim **Klose**, Berlin, DE  
Dr. Dorit **Knappe**, Hamburg, DE  
Prof. Dr. Michaela **Kuhn**, Würzburg, DE  
Dipl. Bio.-Chem. Joachim **Leber**, Berlin, DE  
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Dr. Shokoufeh **Mahmoodzadeh**, Berlin, DE  
PD Dr. Dominik **Müller**, Berlin, DE  
Prof. Dr. Vera **Regitz-Zagrosek**, Berlin, DE  
Prof. Dr. Jane-Lise **Samuel**, Paris, FR  
Dr. Renate **Schnabel**, Mainz, DE  
Dr. Birke **Schneider**, Lübeck, DE  
Dr. Wolf-Hagen **Schunck**, Berlin, DE  
Prof. Dr. Joachim **Spranger**, Berlin, DE  
Prof. Dr. Renée **Ventura-Clapier**, Paris, FR  
Prof. Dr. David J. **Waxman**, Boston, USA  
Prof. Dr. Leon **de Windt**, Maastricht, NL

Thursday, Nov. 25, 2010

19.00 Get Together