

## Scientific Organization

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### FOR1054 Project Partners

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### Jointly organized by

DFG Research Group FOR1054  
Institute of Gender in Medicine (GiM)

## Location



Langenbeck-Virchow Haus, Luisenstraße 58 / 59  
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## Organization

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## Registration

Please register via email:  
[stefanie.schmidt@charite.de](mailto:stefanie.schmidt@charite.de)

## Evening Program

Welcome Dinner on Thursday, 20.02.2014  
For participants and accompanying persons:

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# Gender in Myocardial Hypertrophy

Feb. 20-22, 2014



1<sup>st</sup> Announcement

DFG Research Group FOR1054:  
Sex Differences in Myocardial  
Hypertrophy

Institute of Gender in  
Medicine (GiM)

Charité – Universitätsmedizin Berlin



DZHK

DEUTSCHES ZENTRUM FÜR  
HERZ-KREISLAUFFORSCHUNG E.V.



19:00	Thursday, Feb. 20, 2014 Get together		15:30	Coffee and Posters		<b>Faculty</b>
8:30	Friday, Feb. 21, 2014 Welcome address	A. Grueters-Kieslich, V. Regitz-Zagrosek	16:00	Sex and Gender in Heart Failure Prevention and Therapy Chair: B. Pieske, V. Stangl		Dr. Barbara <b>Albrecht-Küpper</b> , Wuppertal, DE Prof. Dr. JF. <b>Arnal</b> , Paris, FR Prof. Dr. Michael <b>Bader</b> , Berlin, DE Prof. Dr. Noel <b>Bairey-Merz</b> , Los Angeles, USA Prof. Dr. Lisa A. <b>Cassis</b> , Lexington, USA Prof. Dr. Duska <b>Dragun</b> , Berlin, DE PD Dr. Frank <b>Edelmann</b> , Göttingen, DE Prof. Dr. Mansoureh <b>Eghbali</b> , Los Angeles, USA Prof. Dr. Jeanette <b>Erdmann</b> , Lübeck, DE Prof. Dr. DeLisa <b>Fairweather</b> , Baltimore, USA Prof. Dr. Annette <b>Grüters-Kieslich</b> , Berlin, DE Prof. Dr. Eva <b>Gerdts</b> , Bergen, NO Prof. Susan E. <b>Howlett</b> , Halifax, CA Prof. Dr. Norbert <b>Hübner</b> , Berlin, DE Prof. Dr. Claudine <b>Junien</b> , FR Prof. Dr. S. <b>Kääb</b> , München, DE Prof. Dr. Ulrich <b>Kintscher</b> , Berlin, DE Dr. Dorit <b>Knappe</b> , Hamburg, DE PD Dr. Christoph <b>Knosalla</b> , Berlin, DE Prof. Dr. Ulf <b>Landmesser</b> , Zurich, CH Dr. Angela H.E.M. <b>Maas</b> , Nijmegen, NL Dr. Cristina <b>Molina</b> , Barcelona, ES Prof. Dr. Dominik <b>Müller</b> , Berlin, DE Prof. Elizabeth <b>Murphy</b> , Bethesda, USA Prof. Dr. Bohuslav <b>Ostadal</b> , Prague, CZ Prof. Dr. Burkert <b>Pieske</b> , Graz, AT Prof. Dr. Ileana L. <b>Piña</b> , Cleveland, USA Prof. Dr. Vera <b>Regitz-Zagrosek</b> , Berlin, DE Prof. Christine Des <b>Rosieres</b> , Montreal, CA Dr. Patricia <b>Rouet Benzineb</b> , Paris, FR Dr. Jane-Lise <b>Samuel</b> , Paris, FR PD Dr. Renate <b>Schnabel</b> , Hamburg, DE Prof. Dr. Jeanette <b>Schulz-Menger</b> , Berlin, DE Prof. Dr. Verena <b>Stangl</b> , Berlin, DE Prof. Dr. Carsten <b>Tschöpe</b> , Berlin, DE Prof. Dr. Renée <b>Ventura-Clapier</b> , Paris, FR
9:00	Genetic and Epigenetic Mechanisms of Sex Differences Chairs: N. Huebner, TBD			• Gender differences in the regression of myocardial hypertrophy with ARB • Sex differences in the cardiovascular effects of exercise • Sex differences in cardiovascular drug therapy • Sex differences in cardiac resynchronization therapy	E. Gerdts, Bergen I. Piña, Cleveland B. Albrecht-Küpper, Wuppertal D. Knappe, Hamburg	
	• Sex differences in epigenetic marks - a role for cardiovascular phenotype development?	C Junien, Paris	17:30	General discussion		
	• Sex differences in epigenetic marks in myocardial hypertrophy	N. Hübner, Berlin	18:00	Adjourn		
	• X chromosomal genes and sex differences in genomic analysis	J. Erdmann, Lübeck				
	• Hormonal and non-hormonal mechanisms for sex differences in HUVEC	V. Stangl, Berlin				
10:30	Coffee Break			Saturday, Feb. 22, 2014		
11:00	Sex Differences in Intracellular Signalling and Pathophysiology Chairs: J-L. Samuel, TBD		8:45	Welcome		
	• Vascular androgen receptors in stress induced remodelling	L.A. Cassis, Lexington	9:00	Sex Differences in Cardiovascular Immunology Chair: D Müller, D. Fairweather		
	• Sex differences in cardiomyocyte calcium handling	S. Howlett, Halifax		• Sex differences in myocarditis • Sex differences in cardiac inflammation and fibrosis • Sex differences in skin sodium handling	D. Fairweather, Baltimore C. Tschöpe D. Müller, Berlin	
	• Sex differences in mTOR signalling in myocardial hypertrophy	D. Dragun, Berlin	10:30	Coffee and Moderated Posters Chair: M .Eghbali, Los Angeles		
	• ER $\alpha$ – structure and function in cardiovascular system	JF. Arnal, Paris	11:30	Sex differences in Microvascular Dysfunction and Diastolic Heart Failure Chair: U. Landmesser, S.Kääb		
	• Role of androgen receptors in cardiovascular function	M. Bader, Berlin		• Sex differences in microvascular function and diastolic heart failure • Sex differences in diastolic heart failure – Aldo DHF • Sex differences in microvascular function – Gutenberg Heart Study	N. Bairey-Merz, Los Angeles F. Edelmann, Göttingen R. Schnabel, Hamburg	
13:00	Buffet Lunch					
14:00	Sex Differences in Metabolism Chair: J. Spranger, E. Murphy,					
	• Sex specific nitrosylation of mitochondrial proteins and their function	E. Murphy, Bethesda	13:00	General discussion and Buffet		
	• Mitochondrial protection, sex and estrogens	R. Ventura-Clapier, Paris				
	• Cross talk between heart and adipose tissue and its relevance for cardiac metabolism	U. Kintscher, Berlin				
	• Sex differences in the metabolome	C. Des Rosieres, Montreal				