

## Curriculum Vitae

**Prof. Dr. med. Dr. h. c. Vera Regitz-Zagrosek**



### Short CV

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| 1972 – 1979 | University of Saarland, Medical School   |
| 1979 – 1982 | Research Fellowship: Max Planck Institute for Experimental Cardiology, Bad Nauheim (Prof. W. Schaper) and in the Dept. of Biochemistry, University of Madison, Wisconsin |
| 1982 – 1985 | Residency in cardiology at German Heart Institute Munich   |
| 1985 – 1989 | Residency in cardiology at German Heart Institute Berlin   |
| 1990 – 1995 | Fellow in cardiology, German Heart Institute Berlin  |
| 1995 – 2001 | Assistant professor, Free University Berlin  |
| Since 2001  | Founder and speaker of the Graduate Course (GK 754) “Sex specific mechanisms in myocardial hypertrophy and heart failure”  |
| Since 2002  | Chair, Cardiovascular Disease in Women, Charité and German Heart Institute Berlin  |
| 2003 – 2008 | Vice-director of the Cardiovascular Research Center (CCR) at the Charité   |
| Since 2003  | Founding director of the Center for Gender in Medicine (GiM) at Charité,   |
| Since 2007  | Founding President of the International Society for Gender in Medicine   |
| Since 2008  | Project leader and Coordinator of Research group (FOR 1054) “Sex specific mechanisms in myocardial hypertrophy and heart failure”  |
| Since 2009  | Task force leader on “Cardiovascular diseases in pregnancy” of the European Society for Cardiology   |
| Since 2011  | Coordinator of Berlin site of DZHK (German Center Cardiovascular Research)   |
| Since 2012  | Vice-director (temp.) and Executive Board Member, Cardiovascular Research Center (CCR) at the Charité  |
| Since 2013  | Coordinator of Multi-partner ITN “Radical reduction of oxidative stress in cardiovascular diseases” (RADOX)  |

### Academic Honours

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|---------------|---|
| 1994 and 1995 | Rudolph Thauer Prize, German Cardiac Society          |
| 1996          | Alfred Fraenkel Prize, German Cardiac Society         |
| 2007          | Margherita von Brentano Prize, Free University Berlin |
| 2014          | Honorary Doctorate, University of Innsbruck, Austria  |

### Research focus

Gender in Medicine, molecular and genetic mechanisms in myocardial hypertrophy and heart failure.

## Five most relevant publications

1. Kararigas G, Bito V, Tinel H, Becher E, Baczko I, Knosalla C, Albrecht B, Sipido KR, [Regitz-Zagrosek V](#). Transcriptome characterization of estrogen-treated human myocardium identifies MYLIP as a sex-specific element influencing contractile function. *J Am Coll Cardiol*. 2012;59:410-417
2. Guo W, Schafer S, Greaser ML, Radke MH, Liss M, Govindarajan T, Maatz H, Schulz H, Li S, Parrish AM, Dauksaite V, Vakeel P, Klaassen S, Gerull B, Thierfelder L, [Regitz-Zagrosek V](#), Hacker TA, Saupe KW, Dec GW, Ellinor PT, Macrae CA, Spallek B, Fischer R, Perrot A, Ozcelik C, Saar K, Hubner N, Gotthardt M. Rbm20, a gene for hereditary cardiomyopathy, regulates titin splicing. *Nat Med*. 2012
3. [Regitz-Zagrosek V](#), Lundqvist CB, Borghi C, Cifkova R, Ferreira R, Foidart JM, Gibbs JS, Gohlke-Baerwolf C, Gorennek B, Jung B, Kirby M, Maas AH, Morais J, Nihoyannopoulos P, Pieper PG, Presbitero P, Roos-Hesselink JW, Schaufelberger M, Seeland U, Torracca L, Bax J, Auricchio A, Baumgartner H, Ceconi C, Dean V, Deaton C, Fagard R, Funck-Brentano C, Hasdai D, Hoes A, Knuuti J, Kolh P, McDonagh T, Moulin C, Poldermans D, Popescu BA, Reiner Z, Sechtem U, Sirnes PA, Torbicki A, Vahanian A, Windecker S, Aguiar C, Al-Attar N, Garcia AA, Antoniou A, Coman I, Elkayam U, Gomez-Sanchez MA, Gotcheva N, Hilfiker-Kleiner D, Kiss RG, Kitsiou A, Konings KT, Lip GY, Manolis A, Mebaaza A, Mintale I, Morice MC, Mulder BJ, Pasquet A, Price S, Priori SG, Salvador MJ, Shotan A, Silversides CK, Skouby SO, Stein JI, Tornos P, Vejlstrup N, Walker F, Warnes C. Esc guidelines on the management of cardiovascular diseases during pregnancy: The task force on the management of cardiovascular diseases during pregnancy of the european society of cardiology (esc). *Eur Heart J*. 2011
4. Kendel F, Gelbrich G, Wirtz M, Lehmkuhl E, Knoll N, Hetzer R, [Regitz-Zagrosek V](#). Predictive relationship between depression and physical functioning after coronary surgery. *Arch Intern Med*. 2010;170:1717-1721
5. Petrov G, [Regitz-Zagrosek V](#), Lehmkuhl E, Krabatsch T, Dunkel A, Dandel M, Dworatzek E, Mahmoodzadeh S, Schubert C, Becher E, Hampel H, Hetzer R. Regression of Myocardial Hypertrophy After Aortic Valve Replacement - Faster in Women? *Circulation* 2010; 122:S23-S28

## Personal Statement

Since 2007, I am the Director of the Institute of Gender in Medicine at Charité. I am focusing to introduce gender aspects into cardiovascular medicine, research and training. I'm the founding president of the German and International Society of Gender medicine, still president of DGesGM and Board member of IGM.

I am coordinating a DFG sponsored basic research group "Gender in Myocardial Hypertrophy" since 2008. In clinical research I have planned and conducted DFG funded studies on heart transplantation, coronary artery disease and valve replacement; mainly in cooperation with the German Heart Institute Berlin and with a focus on sex or gender. I am interested in prevention and I am coordinating a prospective population representative trial BEFRI: Berlin Risk Evaluation in Women. As coordinator of the Berlin site of the German Heart Center (DZHK, an excellence initiative of the German Ministry of Research) I am introducing gender in the research projects and into the training.

My teaching activities are devoted to implement gender medicine into the regular curriculum at Charité, in the curriculum of Berlin's School of Public Health and into vocational training for doctors with Deutsche Ärztekammer. For the same purpose I have conducted International master courses and Summer Schools on Gender Medicine, and the curriculum development in Gender Medicine in a European project (EUGIM). As coordinator of Graduiertenkolleg 754, from 2001- 2011 and in the years thereafter, I have directed the theses of more than 40 students, leading them to MD and PhD degrees. I have edited two textbooks on Gender medicine "Sex and Gender Aspects in Clinical Medicine" and "Sex and Gender differences in Pharmacology" (Handbook of Experimental Pharmacology, Vol 214). In addition I headed guideline committees at ESC and DGK for cardiovascular diseases in pregnancy.

### Third party funding

Project	Funding period	Project title and role in project	Financing for own working group	Total grant
DZHK (German Centre for CV Research; DLR/BMBF)	2011-2014	German Centre for Cardio-vascular Research, <b>coordinator Berlin</b>	<b>770.200 €</b>	<b>5.008.895,48 €</b>
DZHK (German Centre for CV Research; DLR/BMBF)	2015-2018	German Centre for Cardio-vascular Research, <b>coordinator Berlin</b>	<b>1.572.600 €</b>	<b>14.045.004 €</b>
FOR 1054, Re 662/8-1+8-2 (DFG)	2008-2014	Sex specific mechanisms in myocardial hypertrophy, <b>coordinator</b>	<b>896.500 €</b>	<b>5.400.000 €</b>
EUGENMED (FP7-HEALTH-2013-INNOVATION-1) Project Number: 6020520	2013-2015	European Gender Medicine EUGENMED, <b>coordinator</b>	<b>250.000 €</b>	<b>496.000 €</b>
ITN RADOX (FP7-PEOPLE-2012-ITN; Grant: 316738)	2013-2016	RADical reduction of OXidative stress in cardiovascular diseases, <b>coordinator</b>	<b>877.100 €</b>	<b>3.900.000 €</b>
EUGIM Erasmus 502432 LLP-1-2009-DE-ERASMUS-ECDEM (EU) (an HU)	2009-2011	EUGIM, European Curriculum in Gender Medicine, <b>coordinator</b>	<b>90.000 €</b>	<b>300.000 €</b>
EUGene Heart EC 018833 (EU)	2006-2010	Myocardial remodelling in the failing heart, Task 4 „Gender“, <b>PI</b>	<b>650.000 €</b>	<b>650.000 €</b>
DFG 662/6-1	2007-2012	Einfluss des Geschlechts bei myokardialer Druckbelastung <b>PI</b>	<b>134.700 €</b>	<b>134.700 €</b>
GenderMedDB 01FW1201 (BMBF/DLR)	2012-2013	Database „GenderMedDB“ <b>PI</b>	<b>190.790 €</b>	<b>190.790 €</b>
BEFRI (Donation, TTC)	2012-2015	BEFRI – Berlin women risk evaluation, substudy <b>PI</b>	<b>302.300 €</b>	<b>302.300 €</b>
BEFRI (Donation, HadH)	2016	BEFRI Study (Berlin women risk evaluation) <b>PI</b>	<b>359.400 €</b>	<b>359.400 €</b>

<b>Project</b>	<b>Funding period</b>	<b>Project title and role in project</b>	<b>Financing for own working group</b>	<b>Total grant</b>
Shared postdoc, Bayer	2011-2012	Animal model for human post menopause <b>PI</b>	<b>196.250 €</b>	<b>196.250 €</b>
DW 70/1-1 (DFG)	2010-2011	New gender specific insights into myocardial remodelling in human aortic valve stenosis <b>PI</b>	<b>91.300 €</b>	<b>91.300 €</b>
PPGM 01FW0803 (DLR/BMBF)	2008-2010	Pilot project Gender Medicine <b>PI</b>	<b>215.000 €</b>	<b>215.000 €</b>
Ammon foundation	2007-2013	Gender Medicine <b>PI</b>	<b>354.450 €</b>	<b>354.450 €</b>
GK 754, I-IV (DFG)	2001-2011	Sex specific mechanisms in myocardial hypertrophy, <b>coordinator</b>	<b>2.205.032 €</b>	<b>6.171.000 €</b>
<b>TOTAL</b>			<b>9.068.212 €</b>	<b>37.815.089 €</b>