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Curriculum vitae

- 13.12.1993 Thesis (M.D.) at the University of Freiburg, Department of Physiology
- 1993-1995 Residency and Fellowship in Internal Medicine, University Hospital Frankfurt
- 1995-1996 Postdoctoral/Research Associate, Physiology, University of Frankfurt
- 1996-1999 Residency and Fellowship in Internal Medicine, University Hospital Mannheim
- 1999-2003 Residency and Fellowship in Internal Medicine and Cardiology, Department of Medicine, University of Würzburg
- 1999-2004 Scientific Secretary DFG Special Research Program SFB 355
- 2000 Board Certification „Internal Medicine“
- 2002 Board Certification „Cardiology“
- 2001 Habilitation, Member of the Faculty, senior lecturer, Dept. of Medicine, Division of Cardiology, University of Würzburg
- 2003-2010 Consultant Cardiology/Intensive Care, University Hospital Würzburg
- 2006-2010 Scientific Secretary DFG Special Research Program SFB 688
- 2008 Board Certification „Intensive Care“
- 2008-2010 Associate Professor, Dept. of Medicine I, University Hospital Würzburg
- 01/2010 Call for W3-Professorship Cardiology/Angiology, University Hospital Giessen
- since 10/2010 Full Professor and Director, Department of Cardiology and Angiology, Hannover Medical School

Special achievements/honors

- 2001 Oskar-Lapp- Award, „Deutsche Gesellschaft für Kardiologie“
- 2004 Albert-Fraenkel-Award, „Deutsche Gesellschaft für Kardiologie“
- 2006 Parmley-Award, American College of Cardiology
- 2012 Bernard and Joan Marshall Distinguished Investigator Award, British Society for Cardiovascular Research

President of

ESAC Germany (European Section of Aldosterone Council) Association

Member of

- Deutsche Forschungsgemeinschaft (DFG) - Fachkollegium Medizin
Chair, Cardiovascular Section
- Deutsche Gesellschaft für Kardiologie - Herz- und Kreislaufforschung -
Member Program Committee
- Deutsche Gesellschaft für Innere Medizin
- Fellow American Heart Association
Council on Basic Cardiovascular Sciences
Council on Clinical Cardiology
- Fellow European Society of Cardiology
Heart Failure Association (HFA), Fellow, Board Member
Chair HFA Study Group Peripartum Cardiomyopathy
Past Chair, Working Group on Myocardial Function

Editorial Board Member:

Cardiovascular Research, Clinical Research in Cardiology, Basic Research in Cardiology, ESC Heart Failure, Herz – Cardiovascular Diseases

Reviewer for:

Deutsche Forschungsgemeinschaft, Deutsche Herzstiftung, Circulation, Circulation Research, Hypertension, Arteriosclerosis, Thrombosis and Vascular Biology, Journal of the American College of Cardiology, European Heart Journal, Cardiovascular Research, European Journal of Heart Failure, Journal of Molecular and Cellular Cardiology, British Journal of Pharmacology, European Journal of Clinical Investigation, Thrombosis Haemostasis, Endocrinology, American Journal of Physiology, Atherosclerosis, Diabetes, etc

Research interests:

Professor Bauersachs is an interventional cardiologist with special interests in acute coronary syndromes, left ventricular healing and remodelling, acute and chronic heart failure, as well as intensive care. He is particularly interested in the pathophysiology and treatment of peripartum cardiomyopathy, in aldosterone and mineralocorticoid receptor-mediated mechanisms, and the role of non-coding RNAs.

Important recent publications:

Bauersachs J, Arrigo M, Denise Hilfiker-Kleiner DF,, Seferovic P, Tavazzi L, Ruschitzka F, Mebazaa A, Sliwa K (2016). Current management of patients with severe acute peripartum cardiomyopathy: Practical guidance from the Heart Failure Association of the European Society of Cardiology Study Group on peripartum cardiomyopathy. *Eur J Heart Fail*, in press

Hilfiker-Kleiner D, Haghikia A, Nonhoff J, **Bauersachs J** (2015). Peripartum cardiomyopathy: current management and future perspectives. *Eur Heart J*, DOI: <http://dx.doi.org/10.1093/eurheartj/ehv009>

Zwadlo C, Schmidtmann E, Szaroszyk M, Kattih B, Froese N, Hinz H, Schmitto JD, Widder J, Batkai S, Bähre H, Kaefer V, Thum T, **Bauersachs J**, Heineke J (2015). Anti-androgenic therapy with finasteride attenuates cardiac hypertrophy and left ventricular dysfunction. *Circulation*, 131:1071-1081.

Bauersachs J, Jaisser F, Toto R (2015). Mineralocorticoid receptor activation and mineralocorticoid receptor antagonist treatment in cardiac and renal diseases. *Hypertension* 65, 257-263.

Fraccarollo D, Galuppo P, **Bauersachs J**. (2012). Novel therapeutic approaches to post-infarction remodelling. *Cardiovasc Res* 94, 293-303.

Fraccarollo, D., Berger, S., Galuppo, P., Kneitz, S., Hein, L., Schütz, G., Frantz, S., Ertl, G., **Bauersachs, J.** (2011). Deletion of cardiomyocyte mineralocorticoid receptor ameliorates adverse remodeling after myocardial infarction. *Circulation* 123, 400-408.

Bauersachs J, Thum T. (2011). Biogenesis and regulation of cardiovascular microRNAs. *Circ Res* 109, 334-47.

Thum T, Schmitter K, Fleissner F, Wiebking V, Dietrich B, Widder JD, Jazbutyte V, Hahner S, Ertl G, **Bauersachs J**. (2011). Impairment of endothelial progenitor cell function and vascularization capacity by aldosterone in mice and humans. *Eur Heart J* 32, 1275-86.

Thum, T., Gross, C., Fischer, T., Fiedler, J., Just, S., Rottbauer, W., Bussen, M., Galuppo, P., Frantz, S., Castoldi, M., Muckenthaler, M., Soutschek, J., Koteliensky, V., Rosenwald, A., **Bauersachs, J.***, Engelhardt, S.* (2008). MicroRNA-21 contributes to myocardial disease by stimulating MAP kinase signalling in fibroblasts. *Nature* 456, 980-984. *joint senior authors

Fraccarollo D, Galuppo P, Schraut S, Kneitz S, van Rooijen N, Ertl G, **Bauersachs J.** (2008). Immediate mineralocorticoid receptor blockade after myocardial infarction improves infarct healing by modulation of the inflammatory response. *Hypertension* 51, 1-10.

Fraccarollo D, Widder JD, Galuppo P, Thum T, Hoffmann M, Ruetten H, Ertl G, **Bauersachs J.** (2008). Improvement of left ventricular remodelling by the endothelial nitric oxide synthase enhancer AVE9488 after experimental myocardial infarction. *Circulation* 118, 818-82.

Thum T, Galuppo P, Wolf C, Fiedler J, Kneitz S, van Laake LW, Doevendans PA, Mummery CL, Borlak J, Haverich A, Gross C, Engelhardt S, Ertl G, **Bauersachs J.** (2007). MicroRNAs in the human heart: A clue to fetal gene reprogramming in heart failure. *Circulation* 116, 258-267.