

Curriculum Vitae

Personal data

Name: Prof. Dr. Georg Ertl
Born: 12.06.1950

Business address:

University Hospital Würzburg
Department of Internal Medicine I
Oberdürrbacher Str. 6
97080 Würzburg



Education and Training

1968–1974 Medical School, Universities of Mainz and Graz
1974–1975 Internship
1975 Medical Doctor (M.D.) at the University of Mainz

Positions and Employment

1977–1979 Research Fellow, Dept. Physiology, Düsseldorf Medical School
1979–1980 Research Fellow (DFG), Harvard Medical School / Peter Bent Brigham Hospital, Boston
1981 Resident, Dept. Internal Medicine, Würzburg University
1986 Assistant Professor, Certification Internal Medicine, Head Intensive Care
1987 Certification Cardiology
1995–1998 Chair Cardiology / Director, Department of Internal Medicine II, Mannheim University Hospital, Heidelberg University
Since 1999 Chair Internal Medicine / Director, Dept. Internal Medicine, Würzburg University
Since 2010 Speaker, Comprehensive Heart Failure Center, Würzburg University
Since 2011 Speaker, National Competence Net Heart Failure
Since 2015 Board, Association of the Scientific Medical Societies in Germany (AWMF)

Commissions and Societies:

- Dean of the medical faculty of the University of Würzburg, 2004 - 2006
- Member of the managing board of the Medizinische Universitätsklinik, 2000 - 2006
- Member of the board of the German Society of Cardiology 2003 – 2007
- President of the German Society of Internal Medicine 2007-2008
- Speaker of the Collaborative Research Program (Sonderforschungsbereich) SFB 355 „Pathophysiology of Heart Failure“ (Pathophysiology of Heart Failure) of the Deutsche Forschungsgemeinschaft (DFG) 1999 – 2004; Vice-speaker of the SFB 688 “Cardiovascular Cell-Cell-Interactions and Imaging”
- Speaker of the Review Board „Medicine“ and the „Section Cardiology“ of the German Research Foundation (DFG) 2008-2012
- President of the German Society of Cardiology 2011 – 2013
- Speaker of the German Competence Network of Heart Failure, since 2010
- Speaker of the Comprehensive Heart Failure Center, Würzburg, since 2010
- Medical Director of the University Hospital Würzburg

Memberships and Awards:

- German National Academy of Science, Leopoldina
- Council of Basic Science of the American Heart Association
- Fellow of the American College of Cardiology
- German-Chinese Society of Medicine e.V.
- German Society of Internal Medicine (former president)

- German Society of Cardiology (former president)
- European Society of Cardiology (fellow)
- European Society for Magnetic Resonance in Medicine and Biology (ESMRMB)
- Gesellschaft für Fortschritte in der Inneren Medizin

Clinical and experimental research interests:

- Neurohumoral control of coronary blood flow, myocardial infarct development, healing, and remodeling.
- Mechanisms of healing and healing disturbances of the myocardial infarct wound, restructuring of interstitial tissue and crosstalk among cardiac cells.
- Pathophysiology of heart failure.
- Role of the central nervous system and neuropeptides in cardiovascular regulation and the development of heart failure.
- Cardiovascular imaging, MR-technology

Grants, Awards, Patents

- Individual Grant support by the Deutsche Forschungsgemeinschaft (German Research Association) and in the Sonderforschungsbereich (SFB) 355 and 688.
- Grant support of the Federal Ministry for Education and Research in the Programs Clinical Studies, Competence Networks and Integrated Research and Treatment Centers
- Franz Loogen Award
- Expansion catheter for bypass surgery (Voelker, W, Ertl, G, Patent No US 6,579,306 B 1,17.6.2003)

Selected Publications

- Angermann CE, Gelbrich G, Störk S, Gunold H, Edelmann F, Wachter R, Schunkert H, Graf T, Kindermann I, Haass M, Blankenberg S, Pankuweit S, Prettin C, Gottwik M, Böhm M, Faller H, Deckert J, **Ertl G**; Effect of Escitalopram on All-Cause Mortality and Hospitalization in Patients With Heart Failure and Depression: The MOOD-HF Randomized Clinical Trial. *JAMA* 2016, 28;315: 2683-2693.
- Schmid E, Neef S, Berlin C, Tomasovic A, Kahlert K, Nordbeck P, Deiss K, Denzinger S, Herrmann S, Wettwer E, Weidendorfer M, Becker D, Schäfer F, Wagner N, Ergün S, Schmitt JP, Katus H A, Weidemann F, Ravens U Mack C, Hein L, **Ertl G**, Müller O J, Maier LS, Lohse M J, Lorenz K, Cardiac RKIP induces a beneficial β -adrenoceptor-dependent positive inotropy. *Nature medicine* 2015;21:1298-1306
- **Ertl G**, Ruschitzka F. The year in Cardiology 2013: Heart failure, *Eur Heart J* 2014; 35:470-473
- **Ertl G**, Neumann T, *CardioPulse: the strengths and limitations of the German health-care system. Eur Heart J* 2013;34:1609-1611
- **Ertl G**, The German cardiac society and development of cardiovascular research and medicine in Germany. *Eur Heart J* 2013;34:630-632
- Angermann CA, Stoerk S, Gelbrich G, Faller H, Jahns R, Frantz S, Loeffler M, **Ertl G**. Mode of action and effects of standardized collaborative disease management on mortality and morbidity in patients with systolic heart failure: The interdisciplinary network for heart failure (INH) study, *Circ Heart Fail* 2012;5:25-35
- **Ertl G**, Frantz S. Adverse cardiac remodeling: phosphoinositide 3-kinase another unique factor in a multifactorial condition, *Circulation* 2012;126:2175-2176
- Angermann CE, Frey A, **Ertl G**. Cognition matters in cardiovascular disease and heart failure, *Eur Heart J* 2012, 33:1721-1730
- **Ertl G**, Thum T. New insight into healing mechanisms of the infarcted heart, *J Am Coll Cardiol* 2010; 55:144-146
- Fraccarolo D, Berger S, Galuppo P, Kneits S, Hein L, Schütz G, Frantz S, **Ertl G**, Bauersachs J, Deletion of cardiomyocyte mineralocorticoid receptor ameliorates adverse remodeling after myocardial infarction, *Circulation* 2011;123: 400-408

Clinical Studies since 2009 (selection)

- *National Coordinator, RELAX-EU-Study
- *National Coordinator, REVEAL-Study
- *National Coordinator, COMPASS-Study (Rivaroxaban for the Prevention of Major Cardiovascular Events in Coronary or Peripheral Artery Disease)
- *Primary Investigator, Cor-1-Study (IIT)
- *MOOD-HF-Study (IIT)

Funding since 2009 (selection)

2014-2017	Collaborative Research Center SFB 688, German Research Foundation (with others): 721.000 €
2012-2018	REVEAL-Study (s. above), CTSU Oxford (with others): 2.018.198 €
2013-2018	COMPASS, PHRI Hamilton (with others): 750.382 €
2011-2015	Comprehensive Heart Failure Center, BMBF (with others): 25.000.000 €
2011-2014	National Competence Network Heart Failure (with others): 650.000 €

International Cooperations

Oxford CTU, University of Oxford, England

Salim Yusuf, Population Health Research Institute, McMaster University, Hamilton, Canada

Eugene Braunwald, Marc Sabatine, TIMMI Study Group, Brigham and Women's Hospital and Harvard Medical School, Boston, USA

Associazione Nazionale Medici Cardiologi Ospedalieri

Matthias Nahrendorf, Fil Swirski, Mass. General Hospital, Harvard Medical School, Boston

Interessenskonflikte

Bei der Erstellung der beiden Module zum Thema Herzinsuffizienz bestanden keine Interessenkonflikte im Sinne der Empfehlungen des International Committee of Medical Journal Editors (www.icmje.org).