

Stefanie Dimmeler is Director of the Institute of Cardiovascular Regeneration, Centre of Molecular Medicine, Goethe University Frankfurt, Germany, and Chief Editor of EMBO Molecular Medicine. Stefanie is the winner of the 1.55 million euro 2005 Leibniz Prize, received her graduate and Ph.D. degree in molecular cardiology at the University of Konstanz. She then completed a fellowship in Experimental Surgery at the University of Cologne and in Molecular Cardiology at the University of Frankfurt. She is professor of Experimental Medicine and head of the Section of Molecular Cardiology at the University of Frankfurt since 2001. She is author of more than 120 papers, all of which published in highly qualified journals, including Nature, Circulation, Circulation Research, and Blood. She serves on the Board of Directors for the International Society for Cardiovascular Translational Research.

Stefanie has been investigating basic mechanisms of endothelial cell biology and endothelial progenitor cells but also tackling clinically oriented projects in vascular biology. She has been focusing on cell therapy approaches for the treatment of ischemic heart disease and the research culminated in ongoing clinical trials of cardiovascular repair with human progenitor cells. More recently, she has concentrated on micro RNA-based therapeutics for cardiovascular disease.