
Curriculum Vitae

Zeiber, Andreas Michael, MD
b.: July 3rd, 1955, in Freiburg i. Br., Germany

Education

1965 – 1974 High school Kolleg St. Blasien (Societas Jesu)
1974 – 1981 Medical School, Albert-Ludwigs-University Freiburg
1979 – 1981 Thesis
May 1981 Licence to practice medicine

Career history

11/81 – 03/83 Resident, Department of Internal Medicine, Division of Cardiology (Head: Prof. Dr. H. Just), University of Freiburg
04/83 – 02/86 Clinical Fellow, Department of Internal Medicine, Division of Cardiology, University of Freiburg
03/86 – 12/87 Research Fellowship of the German Research Foundation (DFG) at Cedars-Sinai Medical Centre, School of Medicine, University of California, Los Angeles, CA, USA,
01/88 – 09/90 Clinical Fellow, Department of Internal Medicine, Division of Cardiology, University of Freiburg, Germany
01/90 Assoc. Professor of Medicine
10/90 – 05-95 Director of Interventional Cardiology, Department of Internal Medicine, Division of Cardiology (Head: Prof. Dr. H. Just), University of Freiburg
Since May 1995 Chairman, Department of Internal Medicine III, Division of Cardiology / Nephrology / Angiology at J. W. Goethe-University of Frankfurt, Germany
2002 – 2004 Chairman, Working Group Interventional Cardiology, European Society of Cardiology
2001 - 2006 Vice Chairman, Board of Directors at J. W. Goethe – University of Frankfurt

Prizes and honours

1991 Rudolf-Thauer-Award / German Society of Cardiology and Circulation Research
1995 Franz-Loogen-Preis / Society of Heart and Circulation Research Essen e.V.
2001 Fritz-Acker-Preis / Fritz-Acker-Foundation Bad Homburg v.d.H.
2004 CARIM-Lecture, University of Maastricht, The Netherlands
2005 HJC Swan Professorship, Cedars-Sinai Medical Center, University of California, Los Angeles
2006 Princess Lilian Professorship / Belgian Society of Cardiology, University of Brussels
2007 Ernst-Jung-Preis für Medizin
2009 Paul-Morawitz-Preis of the German Cardiac Society
2009 Princesses' Lecture, Victor Chang Cardiac Research Institute, Sydney
2010 ISCTR Award, International Society for Cardiovascular Translational Research
2010 Stanley Davidson Lecture, Royal College of Physicians of Edinburgh, Scotland
2012 Krakoff International Lecture, Brigham and Women's Hospital, Boston

Short Biosketch

Dr. Zeiber is Professor of Medicine and board-certified in internal medicine and cardiology. He has served on the faculties of Albert-Ludwigs-University of Freiburg from 1990 – 1995 as director of interventional cardiology and - since 5/1995- Dr. Zeiber is the Chairman of Medicine in the Department of Cardiology / Angiology / Nephrology at the J. W. Goethe-University of Frankfurt, Germany.

Dr. Zeiber is the recipient of numerous awards, honors and grants and has published more than 400 original articles and reviews with over 50.000 citations. His current h-index is 117. According to Thomson

Reuters analysis, Dr. Zeiher belongs to the *Highly Cited Researchers*, ranking among the top 1% most cited for the field of *Clinical Medicine*. He is a fellow of the European Society of Cardiology. Dr. Zeiher is past-chairman of the Working Group on Interventional Cardiology of the European Society of Cardiology. He served on the editorial boards of several journals, including *Circulation*, *Circulation Research*, *European Heart Journal* and others. Dr. Zeiher is currently the Co-Chairman of the Excellence Cluster Cardio-Pulmonary System (ECCPS) of the German Research Foundation (DFG).

His research interests include basic and clinical aspects of vascular biology and atherosclerosis, the role of stem and progenitor cells for endogenous cardiovascular repair as well as their therapeutic application for regenerating cardiovascular function, and the use of biomarkers for risk prediction and therapeutic stratification of patients with acute coronary syndromes.

Ten key publications (since 2006)

1. Assmus B, Walter DH, Seeger FH, Leistner DM, Steiner J, Ziegler I, Lutz A, Khaled W, Klotsche J, Tonn T, Dimmeler S, Zeiher AM. Effect of shock wave-facilitated intracoronary cell therapy on LVEF in patients with chronic heart failure: the CELLWAVE randomized clinical trial. **JAMA** 2013; 309: 1622-31
2. Boon RA, Iekushi K, Lechner S, Seeger T, Fischer A, Heydt S, Kaluza D, Tréguer K, Carmona K, Bonauer A, Horrevoets AJG, Didier N, Girmatsion Z, Biliczki B, Ehrlich JR, Katus HA, Müller OJ, Potente M, Zeiher AM, Hermeking H, Dimmeler S. microRNA-34a regulates cardiac aging and function. **Nature** 2013, 495; 107-10
3. Seeger FH, Rasper T, Fischer A, Muhly-Reinholz M, Hergenreider E, Leistner DM, Sommer K, Manavski Y, Henschler R, Chavakis E, Assmus B, Zeiher AM, Dimmeler S. Heparin disrupts the CXCR4/SDF-1 axis and impairs the functional capacity of bone marrow-derived mononuclear cells used for cardiovascular repair. **Circ Res.** 2012;111:854-62
4. Iekushi K, Seeger F, Assmus B, Zeiher AM, Dimmeler S. Regulation of cardiac microRNAs by bone marrow mononuclear cell therapy in myocardial infarction. **Circulation.** 2012;125:1765-73
5. DeRosa S, Fichtlscherer S, Lehmann R, Assmus B, Dimmeler S, Zeiher AM. Transcoronary concentration gradients of circulating microRNAs. **Circulation.** 2011; 124: 1936-44
6. Bonauer A, Carmona G, Iwasaki M, Mione M, Koyanagi M, Fischer A, Burchfield J, Fox H, Doebele C, Ohtani K, Chavakis E, Potente M, Tjwa M, Urbich C, Zeiher AM, Dimmeler S. MicroRNA-92a Controls Angiogenesis and Functional Recovery of Ischemic Tissues in Mice. **Science** 2009; 324(5935):1710-3
7. Schächinger V, Aicher A, Döbert N, Röver R, Diener J, Fichtlscherer S, Assmus B, Seeger FH, Menzel C, Brenner W, Dimmeler S, Zeiher AM. Pilot Trial on Determinants of Progenitor Cell Recruitment to the Infarcted Human Myocardium. **Circulation.** 2008;118:1425-32.
8. Kissel CK, Lehmann R, Assmus B, Aicher A, Honold J, Fischer-Rasokat U, Heeschen C, Spyridopoulos I, Dimmeler S, Zeiher AM. Selective functional exhaustion of hematopoietic progenitor cells in the bone marrow of patients with postinfarction heart failure. **J Am Coll Cardiol.** 2007;49:2341-9.
9. Schächinger V, Erbs S, Elsässer A, Haberbosch W, Hambrecht R, Hölschermann H, Yu J, Corti R, Mathey DG, Hamm CW, Süselbeck T, Assmus B, Tonn T, Dimmeler S, Zeiher AM. Intracoronary Bone Marrow-Derived Progenitor Cells in Acute Myocardial Infarction. **N Engl J Med.** 2006;355:1210-1221
10. Assmus B, Honold J, Schächinger V, Britten MB, Fischer-Rasokat U, Lehmann R, Teupe C, Pistorius K, Martin H, Abolmaali ND, Tonn T, Dimmeler S, Zeiher AM. Transcoronary Transplantation of Progenitor Cells after Myocardial Infarction. **N Engl J Med.** 2006;355:1222-1232

