

Name	Position Title
BECKER, Anke	- Full Professor -

A. Positions and Honours

Employment/Experience

- 2011 W3-Professor for Comparative Genomics at the Biology Department of the Philipps University Marburg and member of the LOEWE Center for Synthetic Microbiology
- 2011 Offer of W3-professorship, Faculty of Biology, University of Freiburg, rejected
- 2008 – 2011 Adjunct Prof. (apl. Prof.), Faculty of Biology, University of Freiburg and member of the Center for Biological Systems Analysis (ZBSA)
- 2007 Adjunct Prof. (apl. Prof.), Faculty of Biology, Bielefeld University
- 2001 – 2007 Head of Junior Group in the Bioinformatics Initiative (DFG), Bielefeld University
- 2000 – 2007 Assistant Prof. (C2), Faculty of Biology, Bielefeld University
- 2000 – 2007 Head of the Transcriptomics and Automation Facility, Center for Biotechnology, Bielefeld University
- 1999 Visiting Scientist, Massachusetts Institute of Technology
- 1994 – 2001 Group leader: Microbial Polysaccharide Production, Genetics Department, Faculty of Biology, Bielefeld University
- 1994 – 1995 PostDoc, Bielefeld University

Honours, Awards and Scholarships, Measures of esteem

- 2010 Editorial Board *Journal of Bacteriology*
- 2001 – 2009 Vice coordinator of the Cluster “Plant growth-promoting bacteria” in the GenoMik/GenoMik-Plus Competence Networks
- 2001 – 2009 Scientific coordinator of the Technology Node Transcriptomics in the BMBF-funded GenoMik/GenomikPlus competence networks
- 2003 – 2007 Associate editor *Molecular Plant-Microbe Interactions*
- 2002 – 2005 Heisenberg fellow, German Research Foundation
- 1998 – 1999 Lise-Meitner fellow, Ministry for Sciences and Research, North Rhine-Westphalia
- 1994 Outstanding Dissertation Award, University Society “*Westfälisch-Lippische Universitätsgesellschaft*” (1994)
- 1993 – 1994 Associate member of the Graduate program “Cellular Basis of Processes in Biotechnology”, Bielefeld University
- 1992 – 1994 Ph.D. scholarship, German National Merit Foundation

Education/Training

Institution and Location	Degree	Year(s)	Field of Study
Bielefeld University	Habilitation	2000	Genetics
Bielefeld University	Dr. rer. nat.	1994	Microbial Genetics
Bielefeld University	<i>Diplom</i>	1991	Biology

B. Peer-Reviewed Publications

1. Krol E, Becker A (2011) ppGpp in *Sinorhizobium meliloti*: biosynthesis in response to sudden nutritional downshifts and modulation of the transcriptome. *Mol Microbiol* 81: 1232-1254.
2. McIntosh M, Meyer S, Becker A (2009) Novel *Sinorhizobium meliloti* quorum sensing positive and negative regulatory feedback mechanisms respond to phosphate availability. *Mol Microbiol* 74: 1238-1256.
3. Pobigaylo N, Szymczak S, Nattkemper TW, Becker A (2008) Identification of genes relevant to symbiosis and competitiveness in *Sinorhizobium meliloti* using signature-tagged mutants. *Mol Plant-Microbe Interact* 21: 219-231.
4. Sharypova LA, Niehaus K, Scheidle H, Holst O, Becker A (2003) *Sinorhizobium meliloti acpXL* mutant lacks the C28 hydroxylated fatty acid moiety of lipid A and does not express smooth LPS. *J Biol Chem* 278: 12946-12954.
5. Galibert F, Finan TM, Long SR, Pühler A, Abola P, Ampe F, Barloy-Hubler F, Barnett MJ, Becker A, Boistard P, Bothe G, Boutry M, Bowser L, Buhrmester J, Cadieu E, Capela D, Chain P, Cowie A, Davis RW, Dréano S, Federspiel NA, Fisher RF, Gloux S, Godrie T, Goffeau A, Golding B, Gouzy J, Gurjal M, Hernandez-Lucas I, Hong A, Huizar L, Hyman RW, Jones T, Kahn D, Kahn ML, Kalman S, Keating D, Kiss E, Komp C, Lelaure V, Masuy D, Palm C, Peck MC, Pohl T, Portetelle D, Purnelle B, Ramsperger U, Surzycki R, Thébault P, Vandenbol M, Vorhölter F-J, Weidner S, Wells DH, Wong K, Yeh K-C, Batut J (2001) The composite genome of the legume symbiont *Sinorhizobium meliloti*. *Science* 293: 668-672.