

CURRICULUM VITAE

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Current Position and Education

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| Since 1994 | Full Professor for Microbiology in the department of Biology, TU Darmstadt
Research: haloarchaea and gas vesicles / biofilm formation / synthetic biology - genetic circuits. |
| 1989-1993
1988 | Priv. Doz. (PD) at University Munich, LMU (Microbiology & Genetics)
Habilitation, University Munich, LMU (Microbiology, August Böck) |
| 1985-1994 | Group leader at the dept. "Molecular biology of gene expression" (Wolfram Zillig) at Max-Planck-Institute for Biochemistry in Martinsried, Germany |
| 1982-1985 | Post-Doctoral Fellow with Herb W. Boyer, Dept. of Biochemistry and Biophysics, UC San Francisco USA. |
| 1978-1981 | Doctoral thesis with Werner Goebel, Dept. Microbiology Univ. Würzburg
Title: Plasmid instabilities and genetic variability of <i>Halobacterium halobium</i> .
Dr. rer. nat.; <i>summa cum laude</i> |
| 1972-1978 | Study of Biology (Diploma) at the University Würzburg - <i>summa cum laude</i> |
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Fellowships and Awards

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| Since 2010 | Member of AcademiaNet - excellent female scientists |
| 1989-1997 | Associate of the Canadian Institute of Advanced Research (CIAR),
Program in Evolutionary Biology, director: W. Ford Doolittle |
| 1990-1994 | Fellowship of the DFG Heisenberg Program |
| 1981-1883 | Fellowship DFG postdoctoral program |
| 1981 | Thesis award University of Würzburg |
| 1978-1981 | Fellowship of the "Studienstiftung des deutschen Volkes" |
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Academic Positions

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| | Technische Universität Darmstadt: |
| 2015-2017 | Chair of the University Assembly (convent) representing professors |
| 2013-15; 15-17 | Elected member of the University Assembly |
| 2013-15; 15-17 | Elected member of the Senate |
| 2016 | Member of committee MIR (distribution of finances) |
| 2013-2016 | Senate commissioner for search committees |
| 2013-2015 | Member of the Senate committee "Studies and Teaching" |
| | Department of Biology, TU Darmstadt: |
| Since 1996 | Member of 31 search committees, head of 6 search committees |
| Since 1995 | Elected member of the Faculty Council |

Since 2006	Member of the Advisory Board of "Freunde der TU Darmstadt e.V."
2009-11; 11-13	Dekanin
2009-11; 11-13	Head of the PhD Committee
2001-2009	Head of the board of examiners for diploma studies
1998-1999	Dekanin

Academic Services

	VBIO, Verband Biologie, Biowissenschaften & Biomedizin in Deutschland:
2014-2016	Vice president and Speaker of the professional societies engaged in VBIO
2014-2016	Vice president DNK (<i>Deutsches Nationalkomitee Biologie</i>)
2014-2016	CHE-Beirat Biology (CHE, Centrum für Hochschulentwicklung Gütersloh)
2015-2016	Member of the board of reviewers, <i>Ars Legendi Faculty Price</i> for teaching
2008-2012	Member of the Advisory Board VBIO <i>Landesverband Hessen</i>
	VAAM, Vereinigung für Allgemeine und Angewandte Mikrobiologie:
Since 2013	Member of the selection committee "Microbe of the year"
2005-2014	Speaker of the Study group Archaea
2003-2009	Chair of the PhD prize committee
1995-1999	Elected member of the Advisory Board
	DFG, Deutsche Forschungsgemeinschaft:
2004-2008	Elected member Board of Reviewers " <i>Microbiology, Virology, and Immunology</i> "
2000-2004	Elected member Board of Reviewers " <i>Cell Biology, Microbiology, and Genetics</i> "
1999-2007	Coordinator DFG-Graduate College 340 " <i>Communication in biological systems: from the molecule to the organism in the environment</i> ", Depts. Biology and Physics at TU Darmstadt; Organization of six Summer Academies at Darmstädter Haus in Kleinwalsertal, Austria
	Journals, Board of trustees:
Since 1998	Kuratorium " <i>Biologie in unserer Zeit</i> ", Wiley-VCH, Weinheim
2005-2007	Editorial Advisor <i>Molecular Microbiology</i>
2000-2005	Kuratorium Max-Planck-Institute for Terrestrial Microbiology at Marburg
	Studienstiftung des deutschen Volkes:
Since 1995	Selection of stipend holders (<i>Vorauswahl, Promotionsstipendien</i>)
2007, 2012	Docent at two Summer Academies: Olang and La Villa
	Mentoring of young female scientists:
Since 2008	<i>Scimento hessenweit</i> : group mentoring 2008-2010; 2010-2012; 2014-2016
Since 2013	<i>ProProfessur</i> : Mentoring and carrier coaching of one female scientist 2013-2016

Research Proposal Reviewer

Deutsche Forschungsgemeinschaft, DFG; Deutscher Akademischer Austauschdienst, DAAD; Alexander von Humboldt-Stiftung; National Science Foundation, NSF (USA); Schweizerischer Nationalfonds, Dänischer Nationalfonds, Natural Environment Research Council (UK); UK Biotechnology and Biological Research Council, BRC; Medical Research Council, MRC (UK); FWF Der Wissenschaftsfonds (Austria); Austria Academy of Sciences, OAW; National Sciences and Engineering Research Council of Canada (NSERC); German-Israeli Foundation for Scientific Research and Development, GIF; Israel Science Foundation.

Journal Reviewer

EMBO Journal, Nature Reviews Microbiology, Nature Nanotechnology, Plos One, Molecular Microbiology, Nucleic Acids Research, Journal of Bacteriology, Journal of Biological Chemistry, Trends in Microbiology, Current Microbiology, Molecular and General Genetics, Archives in Microbiology, FEMS Microbiology Reviews, FEMS Microbiology Letters, Extremophiles, Archaea, BioMedCentral Genomics, Genomics, Environmental Microbiology, Microbial Biotechnology, European Journal of Biology, Acta Crystallographica Section D.

Activities

- 2012 Summer Academy of the *Studienstiftung* in La Villa, Italy: Student seminar "*Die Grenzen des Lebens: Mikroben und extreme Lebensbedingungen*"
- 2010 Organizer Symposium "*Synthetic Biology and Stress Biology*", TU Darmstadt
- 2007 Summer Academy of the *Studienstiftung* in Olang, Italy: Student seminar "*Ungeahnte Bakterienparadiese: Lebensgemeinschaft Biofilm*"
- 2005 Co-organizer International Conference "*Archaea - the First Generation*" at Schloss Hohenkammer, Freising near Munich
- 2000-2005 Organizer of six annual GRK 340 Summer Schools at Darmstädter Haus in Kleinwalsertal, Austria
- 2003 Co-organizer International Workshop "*Metagenomics 2003: From Microbial Diversity to Function*", Darmstadt (Schleper, Pfeifer)
- 2001 Co-organizer Workshop "*The Evolution of Signaling Centers*", TU Darmstadt
- 2001 Co-organizer Symposium "*Arbeitsfeld Biowissenschaften: Lebenswege von Naturwissenschaftlerinnen*", TU Darmstadt
- 2000 Co-organizer International Seminar Series "*Women in Biosciences*", TU Darmstadt
- 1999 Co-organizer Gordon Research Conference "*Archaea - Ecology, Metabolism and Molecular Biology*", Proctor Academy in Andover, New Hampshire USA
- 1994 Co-editor special issue "*Molecular Biology of Archaea*", Gustav Fischer Verlag
- 1993 Co-organizer International Conference on "*Molecular Biology of Archaea*", Martinsried (Pfeifer, Baumeister, Zillig)
- 1988 Co-organizer EMBO Workshop at LMU München (Böck, Sawers, Pfeifer)
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Memberships

- ASM: American Society of Microbiology
 GBM: Gesellschaft für Biochemie und Molekularbiologie
 VAAM: Vereinigung für Allgemeine und Angewandte Mikrobiologie
 VBIO: Verband Biologie, Biowissenschaften & Biomedizin in Deutschland
 DHV: Deutscher Hochschulverband
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