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## Curriculum Vitae Professor Dr. Dr. h. c. mult. Jörg Hacker

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**Name:** Jörg Hinrich Hacker  
**Born:** February 13, 1952 in  
Grevesmühlen/Mecklenburg  
**Marital status:** Married to Dr. phil. Margit  
Hacker, two children  
**Denomination:** Lutheran



### Academic and professional career

since 2010 President of the Deutsche Akademie der Naturforscher Leopoldina – German National Academy of Sciences, Halle (Saale)

2008 - 2010 President of the Robert Koch-Institute, Berlin

2006 Visiting Professor at the Sackler Institute for Advanced Studies, Tel Aviv University, Israel

2000, 2005 Research visits at the Institute Pasteur, Paris

1993 - 2008 Full Professor (C4) and Head of the Institute for Molecular Infection Biology, University of Würzburg

1988 - 1993 Associate Professor (C3) for Microbiology, University of Würzburg

1980 - 1988 Research Assistant at the Department of Microbiology, Würzburg

1979 PhD (Biology), Martin-Luther-University of Halle (Saale)

1970 - 1974 Studies in Biology, Martin-Luther-University of Halle (Saale)

### Offers (declined)

2002 Full Professor (C4) for Microbiology, University of Jena

2000 Full Professor for Microbiology, University of Sydney

1991 Full Professor (C4) for Molecular Biology, University of Hamburg

1991 Full Professor (C4) for Microbiology, Eberhard Karls University Tübingen

- 1988 Associate Professor (C3) for Genetics, Philipps- University Marburg
- 1987 Associate Professor (C3) for Microbiology, Friedrich-Alexander-University Erlangen-Nürnberg

### **Awards and prizes**

- 2018 Preis der Initiatoren – Citizen Award in Halle/Germany „Der Esel, der auf Rosen geht“
- 2017 Stuart Mudd Award for Studies in Basic Microbiology
- 2014 Honorary Citizenship, City of Grevesmühlen/Germany
- 2012 Bavarian Maximilian Order for Science and Art
- 2010 Honorary Professorship at the Ernst-Moritz-Arndt-University of Greifswald
- 2009 Order of Merit of the Federal Republic of Germany
- 2009 Honorary Senator of the University of Würzburg
- 2008 Prize of the Arthur-Burkhardt-Foundation for Promotion of Science
- 2008 Gay-Lussac-Humboldt-Science Award
- 2006 André-Lwoff-Award of the Federation of European Microbiological Societies (FEMS)
- 2001 Carus-Medal of the Leopoldina and Carus-Prize of the City Schweinfurt
- 1994 Main prize of the German Society for Hygiene and Microbiology (DGHM)
- 1992 University medal of the University of Helsinki, Finland
- 1988 Academy prize of the Academy of Sciences at Göttingen
- 1985 Young scientist award of the German Society for Hygiene and Microbiology

### **Honorary degrees**

- 2017 Honorary Doctorate awarded by Jamia Hamdard University, Delhi
- 2016 Honorary Doctorate awarded by the Russian Academy of Sciences
- 2012 Honorary Doctorate (Dr. phil. h.c.) awarded by the University of Tel Aviv, Israel
- 2009 Honorary Doctorate (Dr. of science h. c.) awarded by the University of Hyderabad, India
- 2004 Honorary Doctorate (Dr. med. h. c.) awarded by the University of Pécs, Hungary
- 2002 Honorary Doctorate (Dr. med. h. c.) awarded by the University of Umea, Sweden

### **Honorary and selected memberships**

- 2016 Foreign Member of Istituto Veneto di Scienze, Lettere ed Arti

2016	Honorary member Akademie gemeinnütziger Wissenschaften zu Erfurt
2012	Member of the European Academy of Sciences and Arts, Salzburg, Austria
2011	Foreign Scientific Member of the Max Planck Institute for Infection Biology Berlin and Scientific Member of the Max Planck Society
2010	Honorary member of the Kitasato Institute, Tokyo, Japan
2010	Member of the German Academy of Science and Engineering – acatech
2010	Member of the Indian National Science Academy, Delhi, India
2010	Member of the Berlin-Brandenburg Academy of Sciences and Humanities
2010	Member of the Academia Europaea, London, UK
2009	Member of the European Academy of Microbiology
2007	Honorary Member of the Hungarian Academy of Sciences
2006	Member of the Bavarian Academy of Sciences, Munich
2005	Fellow Sackler Institute for Advanced Studies, Tel Aviv University, Israel
2004	Member of the American Academy for Microbiology (AAM)
2003	Member of the European Molecular Biology Organization (EMBO)
2003	Member of the Academy of Sciences at Göttingen
1998	Member of the Deutsche Akademie der Naturforscher Leopoldina, Halle (Saale)
1995	Honorary Member of the Hungarian Society for Microbiology

#### **Current functions in scientific societies and committees**

since 2017	Member of the Scientific Advisory Board of the Biotrain-Projekt (Fraunhofer Institute for Manufacturing Engineering and Automation)
since 2017	Member of the Advisory Board of the higher education institutions in the city of Halle (Saale), established by the Evangelical Church of Central Germany
since 2016	Member of the European Science Advisors Forum (ESAF) of the European Commission
since 2014	Member of the Foundation Board of the Carl Friedrich von Siemens Foundation
since 2013	Member of the Board, Julius-Maximilians-University Würzburg
since 2013	Member of the Project Advisory Council “InfectControl 2020 – Neue Antiinfektionsstrategien” of the German Federal Ministry for Education and Research (BMBF)
since 2013	Member of the International Advisory Board, Centre Santé Publique Paris-Berlin/Virchow Villermé, Centre for Public Health
since 2013	Member of the Advisory Board for Cluster and Innovation, Saxony-Anhalt

- since 2013 Member of the Jury, Sanofi - Institut Pasteur Awards 2013
- since 2012 Member of the Board of Trustees, German Cancer Aid
- since 2012 Member of the Scientific Advisory Board, Biocenter, City of Würzburg
- since 2012 Member of the Scientific Advisory Board of the Robert-Koch-Institute
- since 2012 Member of the Board, Freie Universität Berlin
- since 2012 Chairman of the Board of Trustees, German Science Journalists' Association
- since 2011 Member of the Foundation Board of the Arthur-Burckhardt-Foundation  
(Chairman since 2014)
- since 2011 Member of the Scientific Advisory Board, German Rheumatism Research Centre Berlin (DRFZ)
- since 2010 Member of the Innovation Dialog of the Chancellor of Germany Angela Merkel
- since 2008 Board Member of the Paul-Ehrlich-Foundation
- since 2005 Member of the Scientific Advisory Board of the Umea Centre for Microbial Research (UCMR) at  
the University of Umea, Sweden
- since 1998 Member of the Scientific Advisory Board of the Robert-Koch-Foundation

#### **Past functions in scientific societies and committees**

- 2014 - 2017 Chairman of the Scientific Advisory Board of the Berlin Institute of Health (BIH)
- 2014 - 2016 Member of the UN Scientific Advisory Board appointed by UN Secretary-General Ban Ki-Moon
- 2013 - 2017 Member of the Board of Trustees Bundesanstalt für Materialforschung und -prüfung (BAM)
- 2013 - 2016 Member of the Scientific Advisory Committee, Center for Environment, Health and Aging  
(CEREHA), Kiryat-Shmona/Israel
- 2012 - 2016 Member of the Scientific Advisory Board Medical Engineering, Technical University of Munich
- 2011 Member of the Ethics Commission "Safe Energy Supply" of the Chancellor of Germany Angela  
Merkel
- 2010 - 2016 Member of the Committee of the Excellence Initiative (German Research Foundation, DFG)
- 2010 - 2014 Member of the Scientific Advisory Board GANI-MED, Greifswald
- 2010 - 2013 Member of the Industry-Science Research Alliance "Health" (Federal Government of Germany)
- 2009 - 2016 Member of the Board of Trustees of the Max-Planck-Institute for Infectious Biology in Berlin
- 2007 - 2015 Member of the Scientific Council of the Institute Pasteur, Paris, France
- 2007 - 2010 Member of the Senate of the Deutsche Akademie der Naturforscher Leopoldina, Halle (Saale)
- 2006 - 2016 Member of the University Council of the University Marburg

2006 - 2010	Member of the Evaluation Committee of the Alexander von Humboldt-Foundation
2005 - 2013	Member of the Supervisory Board of the Helmholtz-Centre for Infectious Research mbH (HZI), Brunswick
2004 - 2016	Member of the Panel of the Thuringian Research Prize
2004 - 2013	Member of the Scientific Advisory Committee of the Helmholtz-Centre for Infectious Research mbH (HZI), Brunswick
2004 - 2008	Member of the Board of Trustees, Chemical Industry Fund, Germany (FCI)
2003 - 2009	Vice President of the German Research Foundation (DFG)
2002 - 2017	Member of the Scientific Advisory Board of the Hans Knöll Institute, Jena
2000 - 2003	Elected Reviewer of the German Research Foundation (DFG)
1996 - 1997	President of the German Society for Hygiene and Microbiology (DGHM)
1996 - 2007	Member of the Lynen Panel of the Alexander-von-Humboldt-Foundation
1987 - 1991	Board Member of the Association for General and Applied Microbiology (VAAM) and speaker of the specialist group microbial pathogenicity

### **Memberships in editorial boards**

since 2006	Faculty of 1000
2003 - 2007	Infection and Immunity
2000 - 2014	International Journal of Medical Microbiology
2000 - 2014	Trends in Microbiology
since 2006	Current opinion in Microbiology
1998 - 2002	FEMS Microbiological Letters
1998 - 2002	FEMS Microbiological Reviews
2003 - 2009	Environmental Microbiology

### **Areas of Expertise**

- science management and science policy
- sustainable development in science
- analysis of virulence factors of pathogenic enterobacteria
- characterization of pathogenicity islands of various pathogens
- regulation of microbial virulence genes

- study of the invasion of *Legionella pneumophila*
- epidemiology and variability of virulence determinants of staphylococci
- analysis of the pathogenicity of human pathogenic fungi

**Project coordination, membership in collaborative research projects (selection)**

- 2010 - 2016 Member of the German-Israeli project cooperation (DIP)
- 2007 - 2012 Speaker of the project area „*E. coli*“ in the network ERA-NET PathoGenoMics (European cooperation and coordination of genome sequencing und functional genome research on human pathogen microorganisms)
- 2006 - 2010 Member and vice speaker of the Transregio collaborative research centre 34 „Pathophysiology at Staphylococci“, Universities Greifswald, Tübingen and Würzburg
- 2005 - 2010 Coordinator of the EU-Program EuroPathoGenomics (6. Framework Program of the EU, „Network of Excellence“)
- 2004 - 2015 Member of the collaborative research centre 630 of the German Research Foundation (DFG)
- 2001 - 2008 Co-coordinator of the BMBF-Program PathoGenoMik and PathoGenoMik Plus