

Curriculum vitae Regine Hakenbeck

Professional Address Alfried Krupp Wissenschaftskolleg Greifswald
D-17487 Greifswald
Tel.: +49-03834 86 19058/19027
e-mail: hakenb@rhrk.uni-kl.de



Education:

1967-73 University of Tübingen
Studies of Microbiology, Biochemistry, Organic Chemistry, Genetics
1972 Diplomthesis (Friedrich-Miescher Laboratory of the Max Planck Gesellschaft, Tübingen)
1973 Diploma in Microbiology
1973-76 **Doctoral thesis (Max-Planck Institut für molekulare Genetik, Berlin)**
1976 PhD (FU Berlin)

Professional:

1976-79 Postdoctoral Fellow and Research Associate (A. Tomasz, Rockefeller University New York)
1980 -1997 Research Assistant and head of research group at the Max-Planck Institut für molekulare Genetik, Dept. Trautner, Berlin
1981 Short Term EMBO Fellowship (M. Kohiyama, Université Paris VII)
1985 "Habilitation" for Microbiology at the Free University Berlin
1992 External professorship "Apl. Prof." at the Free University Berlin
1995 Short Term EMBO Fellowship (L. Gutmann, Université Paris VI)
since 1997 Professor of Microbiology at the University of Kaiserslautern

Others:

Dean of the Faculty of Biology 1999–2001
Visiting research collaborator Princeton University, Princeton NJ, 1999–2002
Director of the Nano+Bio Center, University of Kaiserslautern, since 2003

Advisory Boards:

Advisory Council of the Science Center in Borstel (1999-2008)
Scientific Affairs Officer European Society for Clinical Microbiology and Infectious Diseases (ESCMID) (2001-2003)
Chairman of the VAAM Pathogenicity Section (1999 - 2008)
Advisory Board of the Robert-Koch Institut (since 1998)
Scientific Council of the Helmholtz Center for Infection Research Braunschweig (since 2005)
Senate Evaluation Committee of the Leibniz Gemeinschaft (2005-2014)
ZKBS (Central Committee for Biological Safety) (since 2007)

Scientific areas:

Genome evolution and epidemiology of *Streptococcus pneumoniae*
Regulatory networks and two-component systems
Biochemistry of peptide signaling and regulation of genetic competence
Structure and function of antibiotic targets
New mechanisms of penicillin resistance

Organization of Meetings:

- 1983 International FEMS Symposium: The Target of Penicillin (Berlin)
(Co-Organizers: J.-V. Höltje and H. Labischinski)
- 1999 European Meeting on Bacterial Transformation and the Biology of the
Pneumococcus (Kaiserslautern)

Advisory Committee:

- 1998 1st International Symposium on Pneumococci, Elsinore, Denmark
- 1999 9th European Congress of Clinical Microbiology and Infectious Diseases, Berlin
- 2000 2nd International Symposium on Pneumococci and Pneumococcal Diseases, Sun City, SA
- 2002 12th ECCMID European Congress for Clinical Microbiology and Infectious Diseases,
Milano, Italy
- 2003 13th ECCMID, Glasgow, Scotland
- 2004 2nd International Symposium on Resistant Gram Positive Infections
- 2005 7th European Meeting on the Molecular Biology of the Pneumococcus, Braunschweig,
Germany
- 2007 8th European Meeting on the Molecular Biology of the Pneumococcus, Lissabon

Editorial Boards:

J. Gen. Microbiol. (1991 - 1995)
J. Bacteriol. (1994-2003)
Antimicrob. Agents Chemother. (1995-2000)
Microb. Drug Resist. (since 1999)
Microbes and Infection (since 2012)

Consulting:

1992-1994	Hoechst AG, Frankfurt/Main
1992	Eli Lilly, Indianapolis
1993	Roussel UCLAF, Romainville
1991 - 2000	F. Hoffmann LaRoche Ltd, Basel
1993 - 2002	Bayer AG, Wuppertal
1997 - 2000	BioMérieux, Lyon

Memberships:

VAAM (Vereinigung für allgemeine und angewandte Mikrobiologie e.V.)
ASM (American Society for Microbiology)
PEG Paul Ehrlich Gesellschaft

Patents:

German Patent 197 17 893.6 "Monofunctional glycosyltransferases"
German Patent 197 17 346.2 "DNA-probes, methods and kit for identification of antibiotic
resistant bacterial strains"
German Patent 199 55 352.1 "*Streptococcus*-proteins and their use in antimicrobial drug
screening"
International Patent 06713254 Cl. 435-6. DNA probes, method and kit for identifying antibiotic-
resistant strains of bacteria.