

Manfred Scharl
Prof. Dr. rer. nat. Dr. h. c.
Curriculum vitae

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 D-97074 Würzburg

16.04.1953 Born in Friedberg, Germany

Education and Professional Experience

1973 - 1978 Studies in Biology, Dipl. Biol. Faculty of Biology, University of Gießen
1979 Teaching certificate (L3, Gymnasium) for Biology and Chemistry, Univ. Gießen
1980 Dr. rer. nat., University of Gießen
1988 Habilitation, Faculty of Biology, Ludwig-Maximilian-University, Munich
1978 – 1979 Instructor for Genetics, University of Gießen
1980 – 1983 Postdoctoral Fellow Department of Genetics, University of Gießen
1982 Postdoc research at the laboratory of Dr. R. C. Gallo, National Institutes of Health,
 National Cancer Institute, Bethesda, Maryland, USA
1983 - 1984 Lecturer (Hochschulassistent), Department of Genetics, University of Gießen
1985 - 1991 Research Group Leader, Gene Center at the Max-Planck-Institute for Biochemistry,
 Martinsried b. Munich
1991-2019 Full Professor (C4) for Biochemistry, Medical School, University of Würzburg
January 1997 Offer Director at the Molecular Marine Biology Institute, Bergen, Norway. Declined.
since 2001 Adjunct Professor for Experimental Cancer Research, University of Bergen, Norway
2005-2009 and Vice-President of the German Genetics Society
2012-2016
February 2006 Offer Head of Department, National University of Singapore. Declined
2009-2011 President of the German Genetics Society (Deutsche Gesellschaft für Genetik)
since 2011 Member German Academy of Sciences (Leopoldina)
2015 Visiting Professor, Department of Biology, National University of Singapore
2016-2019 Visiting Professor, Department of Biology, Texas A&M University, Texas, USA
since 2019 Scholar in Residence, Xiphophorus Genetic Stock Center, Texas State University
 San Marcos, Texas, USA
since 2020 Senior Research Professor, Medical School, University of Würzburg

Scientific Societies, Committees and Boards

1996-2007 Vice-chairman and Chairman of the Theodor-Boveri-Institute for Biosciences
 (Biocenter), Würzburg
since 1997 Chairman of the Scientific Advisory Board of the Sars International Centre for
 Marine Molecular Biology, Bergen, Norway
1999-2016 Member of the Advisory Board of the German Genetics Society
since 2002 Vice-Chairman Rudolf-Virchow-Centre for Experimental Biomedicine, Würzburg
since 2005 Member and chairman of the Scientific Advisory Board for the Centre of Molecular
 Biosciences, University of Goettingen
2009-2012 Chairman of the Scientific Advisory Board of the Institut de Génomique
 Fonctionnelle de Lyon, Ecole Normale Supérieure de Lyon, France
2012-2015 Member of the "Structuring Commission of Medicine" of the state of Baden-
 Württemberg, Advisor to the Government
since 2013 Scientific Advisor of the Beijing Genome Institute, Hongkong
since 2015 President of the Physico Medica, Academy of Sciences, Würzburg
since 2019 Chairman of the Scientific Advisory Board of the Sars-Fang Centre for Molecular

2020 Marine Biology, Qingdao, China
Selection Committee for the International Prize of Biology, Japan Society for
Promotion of Science

Project Management

1998 – 2001 Coordinator EU-FAIR Project “Improvement and Risk Assessment of Transgenic Technologies in Fish”
1996 – 2003 Vice-chairman of Coordination Committee SFB 465 “Development and Manipulation of Pluripotent Cells”, DFG
since 2001 Member of Coordination Committee and Vice-Chairman of the DFG Research Center for Molecular Medicine (Rudolf Virchow Center Würzburg)
2004 - 2014 Coordinator and Chairman of the Graduate and Research Programme “Organogenesis” (GK1048, DFG)
2004 - 2009 Chairman of Coordination Committee and Vice-Chairman of the SFB-Transregio 17 “Ras-dependent pathways in human cancer”, DFG

Awards

1991 Heisenberg Awardee, DFG (German Research Foundation)
1991 Jenkinson Lecture, Oxford University
2004 Doctor honoris causa, University of Bergen, Norway
2007 Prince Hitachi Prize for Comparative Oncology, Japan
2011 Ray-Chaudhuri Lecture, University of Varanasi, India
2015 NUSS Lecture, National University of Singapore, Singapore
2016 Faculty Fellow Hagler Institute for Advanced Study at Texas A&M University, USA

University Committees

2001-2015 Chairman of the Examination Committee for Bachelor and Master students in Biomedicine, University of Würzburg
2003-2013 Member of the Committee for Scientific and Strategic Development, Faculty of Biology, University of Würzburg
2005-2013 Member of the Committee for International Relations of the Univ. of Würzburg
2008-2012 Director of Research of the Comprehensive Cancer Center Mainfranken

Editorial Work

1986 – 2006 Associate Editor Diseases of Aquatic Organisms
1993 – 1996 Associate Editor Pigment Cell Research
1991 – 1999 Associate Editor Molecular Marine Biology and Biotechnology
1997 – 2016 Associate Editor Gene, 2011-2016 Executive Editor
since 1999 Section Editor Korean Journal of Biological Sciences
since 2004 Member of the Editorial Board of Zebrafish
since 2007 Editor in Chief of Sexual Development
since 2017 Member of the Advisory Board of the European Zoological Journal
since 2019 Member of the Editorial Board of Marine Life Science & Technology

Ad hoc reviewer (selection)

Grants and fellowships European Molecular Biology Organization, Human Frontier Science Program, International Union against Cancer, Medical Research Council of Great Britain, National Research Council of Norway, National Science Foundation (USA), French National Research Association, German National Research Fund Organization (DFG), Swiss National Fund, Austrian National Research Council, and other funding organizations

Scientific journals Cancer Research, Cytogenetics and Cell Genetics, Current Biology, Development, Developmental Biology, EMBO Journal, Gene, J. of Investigative Dermatology, Mechanisms of Development, Molecular and General Genetics, Molecular Marine Biology and Biotechnology, Nature, Nature Genetics, Nature Biotechnology, Nature Reviews, Oncogene, Pigment Cell Research, PLoS Genetics, PLoS Biology, PNAS, Science, Zebrafish

Editorial Advisor Current Biology, PLoS Biology, PLoS Genetics, BMC Biology

Memberships

Deutsche Krebs-Gesellschaft (Arbeitsgemeinschaft Experimentelle Krebsforschung), European Pigment Cell Society, Deutsche Zoologische Gesellschaft, German Genetics Society, Senckenberg Research Society, Society for Biochemistry and Molecular Biology (GBM)