

Manfred Scharl

Prof. Dr. rer. nat. Dr. h. c.

Curriculum vitae

Address Physiological Chemistry Tel. +49-(0)931-31 84148
University of Würzburg Fax +49-(0)931-31 84150
Biozentrum, Am Hubland phch1@biozentrum.uni-wuerzburg.de
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
since 1991 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
since 2012
February 2006 Offer Head of Department, National University of Singapore. Declined
2009-2011 President of the German Genetics Society (Deutsche Gesellschaft für Genetik)

Chairman / Member of Advisory Committees

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
since 1999 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
since 2012 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
2015 Visiting Professor, Department of Biology, National University of Singapore
since 2016 Visiting Professor, Department of Biology, Texas A&M University, Texas, USA

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)
since 2004	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
2011	Member, Leopoldina, National Academy of Sciences of Germany
2015	NUSS Lecture, National University of Singapore, Singapore
2016	Fellow, Texas A&M Institute for Advanced Studies, Texas A&M University, College Station, Texas, USA

University Committees

since 2001	Chairman of the Examination Committee for Bachelor and Master students in Biomedicine, University of Wuerzburg
since 2003	Member of the Committee for Scientific and Strategic Development, Faculty of Biology, University of Wuerzburg
since 2005	Member of the Committee for International Relations of the Univ. of Wuerzburg
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 of Sexual Development

Ad hoc reviewer (selection)

<i>Grants and fellowships</i>	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), German National Research Fund Organization (DFG), and other funding organizations
<i>Scientific journals</i>	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
<i>Editorial Advisor</i>	Current Biology, PLoS Biology, 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)

Supervisions (total number of students)

Ongoing	5 PhD students, 2 Master students
Habilitation (Prof. Dr.)	6
PhD (Dr. rer. nat. / Dr. med.)	54
Master and Dipl.-Biol.	56
Undergraduate students (Bachelor)	11