

Curriculum Vitae



Prof. Dr. med. Dr. med. h.c. mult. Eberhart Zrenner, FARVO
Distinguished Professor of Ophthalmology
Founding Director of the Institute for Ophthalmic Research
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Education and Qualifications:

University of Erlangen and Munich	Student	1966-72	Medicine (Approbation as physician 1973) and in parallel 4 Semesters of Electron. Engineering
Technical University of Munich	MD degree	1973	Topic: Information transfer in the eye (summa cum laude)
Max-Planck-Institute for Physiol. and Clin. Research	Post Doc	1973-76	Sensory physiology
National Inst. of Health, USA	Fogarty fellowship	1977-78	Neurophysiology
Max-Planck-Institute for Physiol. and Clin. Res. and Exchange Program with University Eye Hospital Munich	Research Fellowships	1978-1985	
University of Giessen	Habilitation (PhD)	1981	Cell physiology
University of Munich	Ophthalmological board exam	1985	Ophthalmology

Postdoctoral and Fellowship training

1973	Internship in Surgery and Internal Medicine, Munich
1973-1976	Research fellow at the Max-Planck-Institute for Physiological and Clinical Research, Bad Nauheim, Dept. of Experimental Ophthalmology (with Prof. E Dodt), and Residency at University Eye Hospital in Frankfurt (Prof. W. Doden)
1977-1978	Fogarty International Fellow, NIH, Laboratory of Vision Research (Prof.P. Gouras)
1978-1985	Group Leader: Experimental Ophthalmology at the Max-Planck-Institute for Physiological and Clinical Research, Bad Nauheim,

1981-1983 Residency exchange Program: University Eye Hospital Munich (Prof. O.-E. Lund)

Academic Appointments

1985 - 1989 Honorary Professor, Human Physiology, University of Giessen
 1985 -1989 Associate Professor and Head of a Research Group of the Max-Planck-Society at the University Eye Hospital, Munich (Prof. O.E. Lund) ;
 1989 - 2012 Full Professor and Chairman of Dept. for Pathophysiology of Vision and Neuro-Ophthalmology, University Eye Hospital of Tuebingen
 1991 - 2007 Executive Director of the University Eye Hospital Tuebingen
 1992 Offer of Full Prof. at Aston-University, Birmingham, England
 1993 (declined)
 1994 - 1995 Offer of Head of Dept. Ophthal., McGill Univ. Montreal Canada
 1998 – 2000 (declined)
 2005-2013 Dean of the Medical Faculty of the University of Tuebingen
 2007 - 2011 Dean of the Medical Faculty of the University of Tuebingen
 2007 - 2012 Senator of the University of Tübingen (3 times re-elected by the University –Professors)
 2007 - 2012 Director of the Centre for Ophthalmology, together with Prof. K.U. Bartz-Schmidt
 2011- 2018 Chairman of the Center for Neurosensory Systems (ZfN), University of Tuebingen

Present Positions

2012- Distinguished Professor at Department of Ophthalmology, Institute for Ophthalmic Research, University of Tuebingen, Germany
 2013- Senior Professorship at Werner Reichardt Center for Integrative Neurosciences (CIN) - DFG Excellence Center 307
 2012- Head of Pathophysiology of Vision Group (“Zrenner-Lab”) at Institute for Ophthalmic Research, University of Tuebingen

Committee services and Leadership Functions:

1985 - 1991 Secretary General of the Internat. Soc. for Clinical Electrophysiology of Vision
 1986 - 1995 Co-Founder and Editor of "Clinical Vision Sciences", Pergamon Press, Oxford,
 1988 - Chairman of the Scientific and Medical Advisory Board of Proretina Deutschland e.V.
 1991 - 2000 President of the International Society for Clinical Electrophysiology of Vision
 1991 - 1998 Speaker to the DFG core program "Hereditary Retinal Degeneration"
 1993 - 2001 Section Editor of „Vision Research“ and „Neuro-Ophthalmology“
 1995 - 2021 Coordination of a Consortium “ Subretinal Implants”
 1995- Co-chairman of Retina International
 1997 - 2004 Speaker of a Collaborative Research Center „SFB 430” (Cellular Mechanisms of Sensory Processes)
 2001 -2007 Editorial Board member for „Investigative Ophthalmology and Visual Science“
 1999 - 2005 Senator of the Max-Planck-Society, Germany
 2000 - 2008 Editor in Chief of „Neuro-Ophthalmology“
 2000 - 2003 President of the International Society for Ocular Toxicology
 2002 - 2007 Editorial Board Member of the ISCEV Documenta Ophthalmologica
 2002 - 2004 Head of a Senate Commission „Medical Engineering“ of the Helmholtz-Gemeinschaft
 2005 - 2018 Chairman of the European Vision Institute

- 2005 - 2011 Speaker of the DFG Clinical Research Group “Hered. Retinal Degenerations”
 2004 - 2015 “Fachkollegiat” of the German Research Council (“Neurosciences”)
 2011 - 2012 Chairman of the Founding Committee of the Medical Faculty of the University of Oldenburg (Faculty has started on Oct 15, 2012)
 2015 - 2017 Coordinator of the “Nachwuchs-Akademie” on Neuosensory Systems of the German Research Council
 2017 - 2021 Member of the Presidium of the Hector Fellow Academy
 2017 - 2020 Member of the DFG Collaborative Research Center 1233 „Robust Vision“

Position on Academic Advisory Boards and Academies :

- 1980 - Advisor for the German Research Council in several projects (SFB 73, SFB 325, SFB 200, SFB 307, 539)
 1989- Member of the Quality Management Committee for Sensory Functioning Testing of the German Ophthalmological Society
 1996 -1997 Member of the Research Council of Baden-Wuerttemberg (“Landesforschungsbeirat”), appointed by the Minister of Research and Technology
 1996- Member of the Heidelberg Academy of Sciences
 1997- Member of the German Academy of Sciences, Leopoldia
 2000 - 2008 Member of the Council on Health (“Gesundheitsforschungsrat”), appointed by the Federal Minister of Research
 2001- 2008 Member of the Neuroscience Board of the Research Center („Beirat des Neurowissenschaftlichen Forschungszentrums, Berlin“)
 2003 - 2009 Member of the Federal Research Council (“Wissenschaftsrat”), appointed by the President of the Federal Republic of Germany
 2003 - 2009 Member of the Scientific Advisory Committee of Alcon Research Institute
 2003 - 2005 Member of “Expert group for structure of the Medical Schools” of the Federal Ministry of Education and Research
 2004 - Member of the Academia Ophthalmologica Europae
 2006 - 2009 Member of the German Federal “Gesundheitsforschungsrat” and member of the Working group “Roadmap”
 2007 - 2011 Member of the Hochschulrat of the University of Erlangen
 2012 - 2015 Member of the Kuratorium of the Max-Planck Institute for Intelligent Systems,
 2016 - 2021 Re-election as member of the MPI- Kuratorium for Intelligent Systems
 2016- Member of several DMC Boards for clinical trials
 2017 - 2020 Member of the Strategic Board of the University of Tuebingen
 2018 - 2022 Member of the Advisory Board of the Institute of Molecular and Clinical Ophthalmology (IOB) Basel, Switzerland

Honors and Awards:

- 1973 Dissertation award for an experimental study on the optic qualities of the eye
 1976 Fogarty fellowship award
 1979 Franceschetti-Liebrecht-Award of the German Ophthalmological Society
 1984 NATO travel award, cooperation with the University of Cambridge, UK
 1995 Alcon Research Award (100.000\$)
 1998 Memorial Medal of Charles University, Prague
 1998 Election as Member of the “Heidelberger Akademie der Wissenschaften”
 1999 Election as Member of the „German Academy of Sciences, Leopoldina”
 1999 MacKenzie Memorial Award
 2000 von Graefe-Award of the German Ophthalmological Society

2002	Order of the Federal Republic of Germany, “Bundesverdienstkreuz am Bande”
2006	“Bartimaeus Award” of the Detroit Institute of Ophthalmology awarded at the World Congress of Artificial Vision 2006
2007	Emiko Adachi-Award of the International Society for Clinical Electrophysiology of Vision (ISCEV)
2009	Karl Heinz Beckurts Award
2009	Claire Jung Award
2010	Pfizer-Award for Visiting Professorship an der State University New York
2010	Retina International: Special Recognition Award
2011	Edridge Green Award
2011	EURETINA Innovation Award
2011	Honorary doctorate, Naresuan University, Thailand
2012	Honorary doctorate Medical University of Lublin, Poland
2012	Ludwig-von-Sallmann Award (awarded by ISER)
2013	Silver Fellow of ARVO (FARVO)
2013	Hong Leong Visiting Professorship National University of Singapore
2013	Hector Award, Hector Foundation, Weinheim
2014	Reinhard von Koenig Award
2015	Gold Medal of the Saudi Ophthalmological Society
2016	von Graefe Medaille of the German Ophthalmological Society (awarded every 10 years, first recipient Hermann von Helmholtz)
2017	Honorary Member Award of ProRetina Deutschland e.V.
2018	Honorary Member Award of the Polish Ophthalmological Society
2019	Leaders of Innovation in Ophthalmology Award by the Polish Society of Ophthalmic Surgeons

Clinical studies and related experience:

Experience in clinical trials since 1985 as PI; including R24 grant trials of NIH/NEI:

- Training in all pertinent areas of clinical trial performance including all certificates and update training necessary for such activities in Germany and Europe
- Attendance at expert meetings at EMEA/EMA
- Planning sessions on clinical trials with FDA
- Presenting concepts on gene therapy at the German regulatory authority (Paul-Ehrlich-Institute)
- Advising BfArM as member of the German Wissenschaftsrat
- Establishing a clinical trial center at the Department of Ophthalmology of Tübingen Univ.
- Writing a book chapter on Electrophysiology in the book “Drug Induced Ocular Side Effects” edited by Fritz Fraunfelder, Rick Fraunfelder and Wiley Chambers (Elsevier, 2015)
- Appointed at numerous data safety monitoring boards of clinical trials
- Advisor to numerous companies concerning ophthalmological developments

Bibliometrics

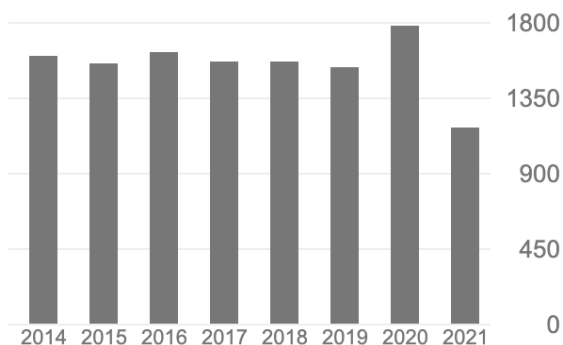
>600 original papers in refereed neurobiological, physiological and ophthalmological journals.h-Index: 86 (46 since 2015) according to Google Scholar (Aug-2-2021)

Total number of citations: 26.812; 7.963 since 2015 (Google Scholar)

61 monographs, reviews or chapters in books

>400 quotable abstracts and short contributions to journals

	Alle	Seit 2016
Zitate	30102	9280
h-index	86	46
i10-index	419	217



Patents

Inventor und Co-Inventor in 9 Patent Families

Translational Activities

- 2003 - Co-Founder and Chairman of the Supervisory Board of Retina Implant AG
- 2009 - Co-Founder of Ocuvision GmbH
- 2012 - Founder of Eyeserv GmbH

Teaching (in brief)

1973-1980 and 1983-1984 Teaching Medical Students in practical courses on General Human Physiology at the University of Giessen, Germany (in collaboration with Max Planck Institute, Bad Nauheim)

1981-1982 and 1985 -1989 Teaching Medical Students in Ophthalmology (main lecture and course

s, together with colleagues)

1989 - 2013 Summer and Winter Semester: Main Lecture in Ophthalmology for Medical Students (12 hr Series, together with coworkers)

2001 to 2019 Special courses on hereditary retinal diseases

2011 til 2020 Undergraduate Course on Medical Technology (4 hrs per semester)