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Academic title Prof. Dr. med.  
Place of birth Langenfeld, Kr. Scheinfeld  
Date of birth September 27, 1963  
Marital status Married, two children

#### EDUCATION AND PROFESSIONAL BACKGROUND

1983 Abitur (Reuchlin-Gymnasium Pforzheim)  
1983 - 1984 Military service  
1984 - 1991 Medical school (Albert-Ludwigs-Universität, Freiburg; Universität Wien, Österreich); externships in Great Britain and the U.S.A.  
1991 medical doctorate (Dr. med.)  
1992 - 1995 and 1996 - 1998 Residency at the Dept. of Neurology, University Hospital Tübingen (medical director: Prof. Dr. med. J. Dichgans)  
2000 Board certification for neurology  
2000 Habilitation (eq. Ph.D. thesis) in neurology and clinical neurophysiology  
2000 - 2006 Senior attending at the Dept. of Neurology, University Hospital Tübingen, Head of EEG laboratory (DGKN-certified instructor) and sleep laboratory  
2004 - 2006 Participation in training curriculum on leadership and health economy at VWA (Verwaltungs- und Wirtschaftsakademie Baden-Württemberg)  
2004 - 2006 Head of Stroke Unit, DRG consultant, head of neurosonological laboratory  
2005 - 2006 Deputy director and professor (APL) at the Dept. of Neurology, University Hospital Tübingen (medical director: Prof. Dr. med. M. Weller)  
since 2006 Director of the Dept. of Neurology and full professor of Neurology, University Medical Center Hamburg-Eppendorf; director of the Head and Neurocenter  
since 2013 Vice Medical Director of the University Medical Center Hamburg-Eppendorf (acting CEO from Nov 2013 to Dec 2014)

#### MEMBERSHIPS

1984 - 1991 German National Academic Foundation (Studienstiftung des Dt. Volkes)  
since 1993 German Assoc. for clinical neurophysiology and functional imaging (DGKN)  
1996 - 1999 American Association for the advancement of science (AAAS)  
1996 - 2002 American academy of neurology (AAN)  
1996 - 2006 Society for Neuroscience (SFN)  
since 1999 German association for neurology (DGN)  
since 2002 German association for sleep medicine (DGSM)  
since 2005 German academy association (DHV)  
since 2007 German stroke association (DSG)  
since 2007 German association for neurological intensive care medicine (DGNI)  
since 2009 Professional association of German neurologists (BDN)  
since 2014 European Stroke Organization (ESO)  
since 2015 European Academy of Neurology (EAN)

#### SCIENTIFIC CAREER

1987 - 1991 M.D. thesis on stereotactic transplantation and plasticity of fetal brain tissue in rats, Department of Neuropathology of the Albert-Ludwigs-Universität Freiburg (mentor: Prof. Dr. med. B. Volk)  
1992 - 2006 Eberhard-Karls-Universität Tübingen and NIH, U.S.A.; research focus „Physiology, pathophysiology und plasticity of neocortical functions in the human brain“; model system „sensorimotor“; methodology „Multimodal integration of EEG, magnetic stimulation and functional imaging (PET/fMRI)“  
1995 - 1996 Postdoctoral fellowship of the DFG at the National Institutes of Health, NINDS, MNB, HMCS, Bethesda, U.S.A. (mentor: Mark Hallett, M.D.)  
Sept. 1996 *Visiting Scientist* in Kyoto, Japan, Department of Brain Pathophysiology (mentor: Prof. Dr. Shibasaki; MEG project)  
1996 - 1997 Employment at the NIH as *Visiting Associate* und head of the EEG research laboratory of the Human Motor Control Section (mentor: Mark Hallett, M.D.)  
April 1998 *Visiting Scientist* in Bethesda, U.S.A., National Institutes of Health, NINDS, MNB, HMCS (mentor: Mark Hallett, M.D.; stroke project)  
1998 - 2006 Head of the cortical physiology research group (CPRG) at the department of neurology and Hertie institute for clinical brain research (medical directors Prof. Dr. Dichgans, since 2006 Prof. Dr. Weller)

June 2003	<i>Visiting Scientist</i> in Bethesda, U.S.A., National Institutes of Health, NINDS, MNB, HCPS (collaboration with Leonardo G. Cohen, M.D.; Project on coherence and cortical excitability/plasticity)
since April 2006	Experimental Electrophysiology and Neuroimaging (xENI) laboratory in Hamburg; methodological focus: brain stimulation, multimodal brain imaging; scientific focus: stroke, neuroplasticity, motor control, large-scale neuronal networks, translation of basic science results into clinical applications

**SCIENTIFIC PROFILE**

Area of interest	Stroke research with a focus on neuroplasticity, reorganisation of neuronal networks, acute management and stroke imaging; investigator-initiated trials
Current funding	DFG (co-speaker of SFB 936 "Multisite Communication in the Brain" together with A.K. Engel, total funding since 2011 20 Mio. €; project Ge 844/5-1 on modeling of neural networks in stroke, 165 k€; PI of NETS trial, 1.4 Mio. €); EU (coordinator of WAKE-UP trial, total funding 11.6 Mio. €), BMBF (Co-PI ESIMED, 300 k€); Co-Applicant (Clinical Tandem Partner) on Schilling Professorship (translational neuroscience) to T. Magnus (3 Mio. €)
Editorial boards	Eur. Neurology, INFO Neurologie & Psychiatrie, Akt. Neurologie, textbook „Therapie und Verlauf neurologischer Erkrankungen“, DGN guidelines
Publications	>300 (PubMed)
Cumulative IF	>1700
H-Index	60 (Web of Science), 72 (Google Scholar)

**CLINICAL TRIALS**

since 2001	BAY x 3702 (Repinotan; Bayer); KOMET Study NO1175 (Levetiracetam; UCB); E2007-E044-205 (E2007, Eisai); BEYOND-Follow-Up; ACTIVATE (Northstar); INTAKT (IIT, DFG sponsored; Stroke); NETS (IIT, DFG sponsored; Stroke); RBX plus tDCS in Stroke (IIT, DFG sponsored; Stroke); NEST-3 (Laser Photothera, Stroke); Wake-Up (IIT, EU sponsored)
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**APPOINTMENTS**

2005	<i>Primo loco</i> W2-professorship at the Neurological University Hospital Göttingen (medical director: Prof. Dr. M. Bähr) - rejected
2005	<i>Primo loco</i> W3-professorship as medical director of the Neurological University Hospital Hamburg-Eppendorf - accepted

**AWARDS IN NEUROSCIENCE AND TEACHINGS**

1991	M.D. thesis <i>summa cum laude</i>
1991	Goedecke research award
1996	Poster award, Movement Disorders Society
1997	Teaching award in the students' program of the Howard-Hughes Medical Association at the National Institutes of Health, U.S.A.
2001	Career award of the CNS Hannelore-Kohl foundation
2002, 2003	2 x Poster award, German association for clinical neurophysiology (DGKN)
2004	Teaching award (medical students' council Tübingen) WS 03/04
2004	Scientific Paper Award of the European Neurological Society (ENS)
2005 - 2006	3 x Teaching award (medical students' council Tübingen)
2007 - 2009	3 x „Teacher of the year“ award (medical faculty Hamburg)
2010	„Teacher of the year“ award (city of Hamburg)
since 2015	Fellow of the European Academy of Neurology (F.E.A.N.)
since 2016	Fellow of the European Stroke Organization (F.E.S.O.)

**HONORARY ACTIVITIES (EXAMPLES OF PROFESSIONAL AND SOCIAL ACTIVITIES)**

2002 - 2006	Board member at the school for physiotherapy at BG Unfallklinik Tübingen
2002 - 2004	Chairman of day-care center of the Max-Planck-Association in Tübingen
since 2006	Chairman of EQS stroke (quality management by the Hamburg Hosp. Assoc.)
2007	Speaker of the campaign "Hamburg against stroke"
since 2007	Scientific board member of "Experten-Sprechstunde" (NDR)
2009 - 2018	Board member of the Professional association of German neurologists (BDN)
2010 - 2012	Speaker of the „Kollegium“ (faculty club) at the Medical Faculty Hamburg
since 2010	Speaker of the Hamburg Center of Neuroscience (HCNS)
2012	Member of the Commission on medical structures in Baden-Württemberg
since 2014	Executive board member of the Werner-Otto-Stiftung, Hamburg
since 2014	Member of the Scientific Advisory Board of the Bad Bramstedt Hospitals
since 2015	Executive board member of the ZNS Hannelore-Kohl-Stiftung, Bonn
2013 - 2018	Member of DGN commissions on guidelines, perspectives, cognitive neurology; DGN representative in DSG stroke unit commission
since 2019	Vice president of the German Society of Neurology (DGN)