

CURRICULUM VITAE



Prof. Dr. med. Tobias Back

Professor of Neurology at the School of Medicine, Technical University Dresden
Private Neurological Practice at Dresden

Educated as clinical neurologist, I worked for 16 years as director of the Dept. of Neurology at the Saxon Hospital Arnsdorf close to Dresden, Germany. Starting from January 2023, I found a Private Neurological Practice at Dresden. I collected my neurological education at the Munich University Hospital Grosshadern. Neuroscientific interests focus on stroke medicine, geriatric diseases and modern MR imaging. I serve as lecturer at the University Hospitals Dresden and have published more than 55 original research articles and 2 books. In 1998, I received the Stroke Award of the German Society of Neurology (DGN).

Clinical Activities:	since 2023	Private neurological practice and Institute for neurological expertises, Dresden
	since 2006	Professor of Neurology, Technical University Dresden School of Medicine
	2006-2022	Director of the Dept. of Neurology and Neurological Intensive Care, Saxon Hospital Arnsdorf / Dresden
	2004-2006	Professor of Neurology, Vice Director, Dept. of Neurology, Klinikum Mannheim, University of Heidelberg School of Medicine
	2001-2004	Professor of Neurology and Stroke Medicine, Philipps-University School of Medicine Marburg
	1996-2000	Resident and Lecturer at the Dept. of Neurology, Ludwig Maximilians-University School of Medicine, Munich, director: Prof. Th. Brandt
	1994-1996	Resident at the Dept. of Neurology, Charité Hospital, Humboldt-University School of Medicine, Berlin, director: Prof. K.M. Einhäupl
	1990-1991	Resident at the Dept. of Neuroradiology, University of Heidelberg School of Medicine, Heidelberg, director: Prof. K. Sartor
	1988-1990	Intern at the Dept. of Neurology, University of Heidelberg School of Medicine, Heidelberg, director: Prof. W. Hacke
Medical Education:	1981-1988	Human medicine at the University of Heidelberg School of Medicine, Germany
	1983	Clinical practice at the Ravenswood Hospital, University of Illinois, Chicago, USA
	1985	Clinical practice at the Tong Ji-University of Wuhan, PR China (supported by the Deutscher Akademischer Austauschdienst, Bonn)
	1987-1988	Final year at the Institute of Neurology, University of London, Great Britain, and at the University Hospitals, University of Heidelberg School of Medicine, Germany

Doctoral Thesis:	1988	"The effect of hemodilution on brain circulation: Experimental studies on the underlying mechanism", magna cum laude
Postdoctoral Thesis:	1999	"Experimental studies on the development of stroke: Relevance of periinfarct depolarizations", <i>honoured by the Stroke Award of the German Society of Neurology</i>
Medical Examinations:	1988 1989 1998	Final Medical Examination, mark 1 American Medical Examination ECFMG, passed in Frankfurt/Main Board Examination for Neurology, passed in Munich
Research Activities:	1991-1993 1993-1994 1995-1996 1996-1997 1999 1999-2002 2004-2010	Scholar of the Max Planck-Society at the Max Planck-Institute for Neurological Research in Cologne, Germany, director: Prof. K.-A. Hossmann Scholar of the Deutsche Forschungsgemeinschaft, Postdoctoral Fellowship at the Cerebral Vascular Disease Research Center, University of Miami School of Medicine, Miami, USA, director: Prof. M.D. Ginsberg Project leader of the Sonderforschungsbereich 507, Berlin "Significance of non-neuronal cells in neurological disorders", supported by the Deutsche Forschungsgemeinschaft Project leader of the Clinical Research Group, Berlin "New methods of non-invasive monitoring of brain function", supported by the Deutsche Forschungsgemeinschaft Scholar of the European Neurological Society, Fellowship at the NMR Research Group Neurology/Radiology, Klinikum Mannheim, University of Heidelberg School of Medicine Project leader of the research project "Combination therapy in thromboembolic experimental stroke", supported by the Deutsche Forschungsgemeinschaft Project leader of the research project "Obesity candidate genes in stroke patients", supported by the BMBF, National genome research network 2
Additional Qualifications:	1991 since 2001 since 2001 since 2001 2001 2002 2003 2003 2003 since 2007 since 2007 since 2008 since 2010 since 2010 2015-2022	Qualification for the use of radioactive substances and radiologic protection, University of Jülich, Germany Clinical Investigator of clinical stroke trials (AbESTT, MATCH, DIAS) Consultant of the Stiftung Deutsche Schlaganfallhilfe Consultant of the Brain Death Diagnostic Procedure of the Deutsche Stiftung Organtransplantation Certificate for Transfusion Medicine, Landesärztekammer Hessen DEGUM and DGKN certificates for Ultrasound in Neurology DGKN certificate for Clinical Electroencephalography (EEG) Certificate and Education licence for Neurological Intensive Care Medicine, Landesärztekammer Hessen DEGUM education licence for Ultrasound in Neurology Complete education licence for Clinical Neurology and Neurological Intensive care Certificate of CT imaging in neurological disorders Education licence for Clinical Electroencephalography (DGKN) Certificate for quality management in medicine Qualification in Geriatric Medicine Vice Medical Director of the Saxon Hospital Arnsdorf
Lecturing Qualification:	since 1999	Lecturer for Neurology, Faculty of the Ludwig Maximilians-University Munich, since 2004 Faculty of the Karls-Ruprecht-University of Heidelberg, since 2006 Faculty of the Technical University Dresden
Publications:	2 books, 57 original research articles, 42 reviews, contributions to books and other publications, 86 peer-reviewed abstracts.	

Awards: 1998 Stroke Award of the German Society of Neurology
1998 Inclusion in "Who's Who in Engineering and Science", U.S.A.
2000 Scientific award of the European Neurological Society

Membership: 1991-2001 International Society of Cerebral Blood Flow and Metabolism
since 1998 German Society of Neurology (DGN)
1998-2010 European Neurological Society (ENS, now EAN)
2002-2022 German Stroke Society
2002-2022 German Society of Clinical Neurophysiology
since 2003 German Society of Ultrasound in Medicine (DEGUM)
2003-2022 German Society of Critical Care Neurology (DGNI)
since 2022 German Society of Neuroscientific Expertises (DGNB)

Scientific Focus:

- Cerebrovascular diseases
- New modalities of MR Imaging
- Obesity and health behavior
- Geriatric medicine