

PI	Prof. Dr. Peter Weiss-Blankenhorn, * 1968			
Scientific degree	Habilitation, Dr. med.	PoF affiliation	Program 2 Topic 5	
Current positions	Associate Professor (W2) for Cognitive Neurology, Department of Neurology, University of Cologne; Leader “Motor Cognition” group (FZJ, Cognitive Neuroscience, INM-3)			
Previous positions	2007–2010 Interim Professor of Neurology – Cognitive Neurology, RWTH University Aachen, Germany 2005–2010 Senior Research Fellow, Institute of Neuroscience and Medicine, Forschungszentrum Jülich GmbH, Germany 2002–2005 Clinical Resident, Department of Neurology, University Hospital Aachen, Germany 1999–2001 Research Fellow, Institute of Neuroscience and Medicine, Forschungszentrum Jülich GmbH, Germany 1996–1999 Clinical Resident, Department of Neurology, University Hospital Düsseldorf, Germany 1995–1996 Research Fellow of Prof. Marc Jeannerod, INSERM U94, Lyon, France			
Recent research topics	[1] Motor cognition, e.g., processing of action-related information in the human brain and the disturbances thereof (i.e., apraxia) [2] Recovery of stroke-related deficits of information processing, i.e., neuropsychological deficits and their associations as well as dissociations [3] Neuromodulation (TMS, tDCS) of information processing in the human brain [4] Functional (fMRI, PET) and structural (lesion mapping) imaging			
Publications [5 most important; articles, data or software]	[1] Bischof, G. N., Jaeger, E., Giehl, K., Jessen, F., Onur, O. A., O'Bryant, S., Kara, E., Weiss, P. H., & Drzezga, A. (2024). Cortical tau aggregation patterns associated with apraxia in patients with Alzheimer disease. <i>Neurology</i>, 103(12). https://doi.org/10.1212/WNL.0000000000210062 [2] Schmidt, C. C., Achilles, E. I., Bolte, K., Kleineberg, N. N., Richter, M. K., Schloss, N., Fink, G. R., & Weiss, P. H. (2023). Association of circumscribed subcortical gray and white matter lesions with apraxic deficits in patients with left hemisphere stroke. <i>Neurology</i>, 101(11). https://doi.org/10.1212/wnl.0000000000207598 [3] Weiss, P. H., Achilles, E. I. S., Moos, K., Hesse, M. D., Sparing, R., & Fink, G. R. (2013). Transcranial direct current stimulation (TDCS) of left parietal cortex facilitates gesture processing in healthy subjects. <i>the Journal of Neuroscience/the Journal of Neuroscience</i>, 33(49), 19205–19211. https://doi.org/10.1523/jneurosci.4714-12.2013 [4] Weiss, P. H., & Fink, G. R. (2008). Grapheme-colour synaesthetes show increased grey matter volumes of parietal and fusiform cortex. <i>Brain</i>, 132(1), 65–70. https://doi.org/10.1093/brain/awn304 [5] Weiss, P. H. (2000). Neural consequences of acting in near versus far space: a physiological basis for clinical dissociations. <i>Brain</i>, 123(12), 2531–2541. https://doi.org/10.1093/brain/123.12.2531 orcid.org/0000-0002-5230-9080			
Awards	[1] Friedrich-Wilhelm-Preis der RWTH Aachen (2006)			
Committees and Boards	[1] 2008–2015 member of the scientific-technical council (Wissenschaftlich-Technischer Rat, WTR) [2] 2018–2021 deputy chair of the scientific-technical council (Wissenschaftlich-Technischer Rat, WTR) [3] since 2022 member of the supervisory board (Aufsichtsrat)			