

Prof. Dr. Peter H. WEISS (-BLANKENHORN)

27. May 1968 (in Duisburg, Germany)

Group leader Motor Cognition, Institute of Neuroscience and Medicine
Cognitive Neuroscience (INM-3), Forschungszentrum Jülich GmbH, Jülich

Professor of Cognitive Neurology
Department of Neurology, University Hospital Cologne
University of Cologne



EDUCATION

2005 Habilitation in neurology, University of Aachen
2004 Board certification as neurologist
2001 MD, University of Düsseldorf, Germany
1997 Approbation as physician

EMPLOYMENT

2010- Professor of Cognitive Neurology, Medical Faculty, University of Cologne, Germany
2010- Group leader “Motor Cognition” at the Institute of Neuroscience and Medicine,
Cognitive Neuroscience (INM-3), Forschungszentrum Jülich GmbH
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 Professor Marc Jeannerod, INSERM U94, Lyon, France

SCIENTIFIC INTERESTS

Motor cognition, e.g., pathophysiology of apraxia
Gait impairment and cognitive as well as emotional deficits in Parkinson’s disease
(Clinical) neuropsychology, e.g., assessment of cognitive deficits and anosognosia after stroke
Interaction of motor and spatial cognition, e.g., neglect in different spaces

CITATION METRICS

ORCID-ID: 0000-0002-5230-9080; ResearcherID: H-8983-2013
Over 100 papers in peer-reviewed journals with an h-Index of 46 (Google scholar)/ 37 (Publons)
Sum of the Times Cited: 4939, Average Citations per Article: 48.9

SELECTED PAPERS (published in the last 5 years)

Achilles EIS, Ballweg CS, Niessen E, Kusch M, Ant JM, Fink GR, & Weiss PH. Neural correlates of differential
finger gesture imitation deficits in left hemisphere stroke. *Neuroimage Clinical* 2019; 23: 101915
Binder E, Dovern A, Hesse MD, Ebke M, Karbe H, Saliger J, Fink GR, Weiss PH. Lesion evidence for a human
mirror neuron system. *Cortex* 2017; 90: 125-137
Kleineberg N, MK Richter, I Becker, PH Weiss, GR Fink. Verum versus sham tDCS in the treatment of stroke-
induced apraxia: Study Protocol of the randomized controlled trial RAdiCS - “Rehabilitating (stroke-induced)
Apraxia with direct Current Stimulation”. *Neurological Research and Practice* 2020; 2:7
Moonen AJH, Weiss PH, Wiesing M, Weidner R, Fink GR, Reijnders JSAM, Weber WM, Leentjens AFG. An fMRI
study into emotional processing in Parkinson’s disease: does increased medial prefrontal activation
compensate for striatal dysfunction? *PLoS One* 2017; 12(5): e0177085
Weiss PH, Ubben SD, Kaesberg S, Kalbe E, Kessler J, Liebig T, Fink GR. Where language meets meaningful
action: a combined behavior and lesion analysis of aphasia and apraxia. *Brain Structure and Function* 2016;
221: 563-576
Weiss PH, Herzog J, Pötter-Nerger M, Falk D, Herzog H, Deuschl G, . . ., Fink GR. Subthalamic nucleus
stimulation improves Parkinsonian gait via brainstem locomotor centers. *Movement Disorders* 2015; 30(8),
1121-1125.

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