

## **PROF. DR. GEREON R. FINK**

23. April 1964 (in Cologne, Germany)

Director of the Department of Neurology, University Hospital Cologne &  
Director of the Institute of Neuroscience and Medicine,  
Cognitive Neuroscience (INM-3), Research Centre Jülich



### **EDUCATION**

1999            Habilitation, University of Düsseldorf  
1982-1989     Medical School, University of Cologne, MD

### **EMPLOYMENT**

Since 2006    Professor of Neurology, Medical Faculty, University of Cologne, and  
Head of Dept. of Neurology, University Hospital Cologne  
Since 2005    Director of the Institute of Neuroscience and Medicine, Cognitive Neuroscience (INM-3), Research Centre Jülich  
2004-2006    C4-Professor of Neurology – Cognitive Neurology, RWTH Aachen, & Deputy Director of the Dept. of Neurology, RWTH Aachen  
2002-2004    C3-Professor of Cognitive Neurology, RWTH Aachen  
2001-2004    Consultant Neurologist, University Hospital Aachen  
1997-2000    Senior Registrar, University of Düsseldorf  
1997-2005    Research Group Leader, Institute of Medicine, Research Centre Jülich  
1995-1997    Clinical Research Fellow of Prof. Ray Dolan, Institute of Neurology & National Hospital for Neurology, Queen Square, London  
1993-1995    Registrar, Dept. of Neurology, University Hospital Cologne  
1992-1993    Clinical Research Fellow of Prof. Richard Frackowiak, MRC Cyclotron Unit & Hammersmith Hospital, London  
1989-1992    Registrar, Max-Planck-Institute of Neurological Research & Dept. of Neurology, University Hospital Cologne

### **ACADEMIC ACHIEVEMENTS**

Since 2019    Dean, Medical Faculty, University of Cologne  
Since 2017    Member of the Senate of the Deutsche Forschungsgemeinschaft (DFG)  
2017-2018    President of the German Neurological Society  
2015-2019    Vice-Dean, Medical Faculty, University of Cologne  
2011-2013    First Vice-Rector of the University of Cologne, Vice-Rector for Research  
2011-2012    President of the German Society for Clinical Neurophysiology (DGKN)  
Since 2010    Speaker of the DFG-funded Clinical Research Group KFO 219 (Basal Ganglia-Cortical-Loops: Understanding the Pathophysiology in order to improve their Therapeutic Modulation)  
2008-2011    Member of the Scientific Advisory Board of Cologne University  
Since 2003    Member of the Scientific and Technical Council of the Research Centre Jülich  
2002-2008    Coordinator of the BMBF-funded Brain Imaging Centre West  
2002-2006    Speaker of the DFG-funded Clinical Research Group KFO 112 (Disorders of Attention and their therapeutic modulation)

### **AWARDS AND HONOURS**

2015            Max-Delbrück-Prize, University of Cologne  
2011            Teaching Award of German Society for Clinical Neurophysiology (DGKN)  
2009            Neurorehabilitation Award of the Fürst Donnersmarck Foundation  
2008            Hospital Innovation Award  
2004            Pette-Award of the German Neurological Society  
2003            Science Award Northrhine-Westfalia  
1995-1997    European Traveller Fellowship of the Wellcome Trust, UK  
1992-1993    Otto-Hahn Fellowship of the Max-Planck-Society, Germany  
1982-1989    German National Scholarship Foundation

## **Publications and bibliometric data (as of 24<sup>th</sup> August 2019)**

More than 500 publications in peer-reviewed journals, including The New England Journal of Medicine, Nature, Science, Lancet Neurology, Nature Neuroscience, Neuron, Annals of Neurology, Brain, Journal of Neuroscience

average Impact-Factor 5.5;

### **Thomson ISI**

h-index = 94, number of times cited: 36507, ResearcherID: E-1616-2012

### **Scopus**

h-index = 99, number of times cited: 40262

### **Google scholar**

h-index = 116 (since 2014 = 76), number of times cited: 58284 (since 2014: 26291)

**Third-party funding:** >4.5 Mio €

## **5 TOP publications**

G. Buccino, S. Vogt, A. Ritzl, **G.R. Fink**, K. Zilles, H.-J. Freund, and G. Rizzolatti: Neural circuits underlying imitation learning of hand actions: an event-related fMRI study. **Neuron** 42:323-334 2004

K.E. Stephan, J.C. Marshall, K.J. Friston, J.B. Rowe, A. Ritzl, K. Zilles, **G.R. Fink**: Lateralized cognitive processes and lateralized task control in the human brain. **Science** 301(5631):384-386 2003

C. Grefkes, P.H. Weiss, K. Zilles, **G.R. Fink**: Crossmodal processing of object features in human anterior intraparietal cortex: an fMRI study strongly implies equivalencies between humans and monkeys. **Neuron** 35: 173-184 2002

R.J. Dolan, **G.R. Fink**, E. Rolls, M. Booth, A. Holmes, R.S.J. Frackowiak, K.J. Friston: How the brain learns to see objects and faces in an impoverished context. **Nature** 389:596-599 1997

**G.R. Fink**, P.W. Halligan, J.C. Marshall, C.D. Frith, R.S.J. Frackowiak, R.J. Dolan: Where in the brain does visual attention select the forest and the trees? **Nature** 382:626-628 1996

## **5 most cited articles (citation data taken from ISI):**

S.B. Eickhoff, K.E. Stephan, H. Mohlberg, C. Grefkes, **G.R. Fink**, K. Amunts, K. Zilles: A new SPM toolbox for combining probabilistic cytoarchitectonic maps and functional imaging data. **NeuroImage** 25:1325-1335 2005 (times cited: 2412)

K.J. Friston, C. Büchel, **G.R. Fink**, J. Morris, E. Rolls, R.J. Dolan: Psychophysiological and modulatory interactions in neuroimaging. **NeuroImage** 6:218-229 1997 (times cited: 1943)

G. Buccino, F. Binkofski, **G.R. Fink**, L. Fadiga, L. Fogassi, V. Gallese, R.J. Seitz, K. Zilles, G. Rizzolatti, H.-J. Freund: Action observation activates premotor and parietal areas in a somatotopic manner: an fMRI study. **Eur J Neurosci** 13:400-405 2001 (times cited: 1575)

K.M. Stephan, **G.R. Fink**, R.E. Passingham, D. Silbersweig, A. Ceballos-Baumann, C.D. Frith, R.S.J. Frackowiak: Functional-anatomy of the mental representation of upper extremity movements in healthy-subjects. **J Neurophysiol** 73(1):373-386 1995 (times cited: 681)

**G.R. Fink**, H.J. Markowitsch, M. Reinkemeier, T. Bruckbauer, J. Kessler, W.-D. Heiss: Cerebral presentation of one's own past: neural networks involved in autobiographical memory. **J Neurosci** 16(13):4275-4282 1996 (times cited: 624)

## **5 recent publications**

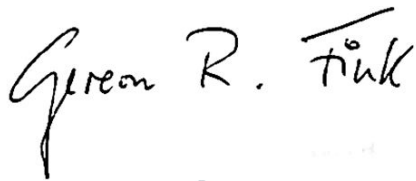
L. Hensel, F. Hoffstaedter, J. Caspers, J. Michely, C. Mathys, J. Heller, C.R. Eickhoff, K. Reetz, M. Südmeyer, **G.R. Fink**, A. Schnitzler, C. Grefkes, S.B. Eickhoff. Functional Connectivity Changes of Key Regions for Motor Initiation in Parkinson's Disease. **Cereb Cortex**. 2019; 29(1):383-396

N. Richter, N. Beckers, O.A. Onur, M. Dietlein, M. Tittgemeyer, L. Kracht, B. Neumaier, **G.R. Fink**, J. Kukolja. Effect of cholinergic treatment depends on cholinergic integrity in early Alzheimer's disease. **Brain**. 2018; 141(3):903-915

A.B. Kuhns, P.L. Dombert, P. Mengotti, **G.R. Fink**, S. Vossel. Spatial Attention, Motor Intention, and Bayesian Cue Predictability in the Human Brain. **J Neurosci**. 2017; 37(21): 5334-5344.

L.J. Volz, A.K. Rehme, J. Michely, C. Nettekoven, S.B. Eickhoff, **G.R. Fink**, C. Grefkes. Shaping Early Reorganization of Neural Networks Promotes Motor Function after Stroke. **Cereb Cortex**. 2016; 26(6):2882-94.

J. Michely, L.J. Volz, M.T. Barbe, F. Hoffstaedter, S. Viswanathan, L. Timmermann, S.B. Eickhoff, **G.R. Fink**, C. Grefkes. Dopaminergic modulation of motor network dynamics in Parkinson's disease. **Brain**. 2015; 138(Pt 3):664-78.

A handwritten signature in black ink that reads "Gerson R. Fink". The signature is written in a cursive style with a large, sweeping 'G' and a distinct 'F'.

Cologne, 24<sup>th</sup> August 2019