

## Curriculum Vitae

### Personal Data

Title	Prof. Dr. med.
First name	Frank
Name	Wacker
Current position	W3 Professor of Radiology
Current institution(s)/site(s), country	Hannover Medical School (MHH), Department of Diagnostic and Interventional Radiology, Hannover, Germany
Identifiers/ORCID	0000-0002-6285-8403

### Qualifications and Career

Stages	Periods and Details
Degree programme	1984-1990 Medicine, University of Tübingen
Doctorate	1991 Prof. Dr. Dr. h.c. W. Frommhold / MRI – A non-invasive tool to diagnose meniscal tears; University of Tübingen
Stages of academic/ professional career	<p>Since 2014 Head of the Imaging Unit, Clinical Research Center Hannover</p> <p>Since 2010 W3 Professor &amp; Chairman, Department of Diagnostic and Interventional Radiology, MHH</p> <p>2015-2019 Medical Executive Director, Radiology Center, MHH</p> <p>2008-2010 Director of Vascular Interventional Radiology, Interventional Radiology Center, Russell H. Morgan Department of Radiology and Radiological Science, Johns Hopkins Hospital, Baltimore, Maryland, USA</p> <p>2004-2008 C3 Professor of Radiology, Vice Chairman, Section Head of Interventional Radiology, Charité – Universitätsmedizin Berlin, Campus Benjamin Franklin</p> <p>2003 Medical Consultant, Siemens Medical Solutions, Erlangen</p> <p>2001-2003 Attending Physician, University Hospitals Health System, Cleveland, Ohio, USA</p> <p>1999-2001 Head, Section of Angiography and Interventional Radiology, UKBF, Free University, Berlin</p> <p>1999 Berlin Board Certification Diagnostic Radiology</p> <p>1992-1999 Residency, Radiology and Nuclear Medicine, Neurology, Universitätsklinikum Benjamin Franklin, Berlin</p>

### Activities in the Research System

Frank Wacker is a clinician scientist specialized in Diagnostic Radiology and Image-guided Therapy. His laboratory is focused on developing toolboxes of clinical imaging biomarkers (e.g. perfusion, ventilation, tumor viability) for early detection and reliable follow-up in oncology,

transplant medicine and infectious disease. He is also developing image guided minimally invasive therapies, his second research focus. His activities also focus on the mentoring and empowerment of junior researchers. He has supervised and co-supervised more than 50 research fellows, clinical fellows, Radiology residents, and doctorates. During his tenure at MHH he supervised 18 “Habilitationen”, 9 in male and 9 in female researchers and clinicians.

### **Scientific Work and Service Activities**

- Since 2025 President, German Interventional Radiology Society (DeGIR) and President-elect German Röntgen Society (DRG)
- Since 2024 Member, Lower Saxony Center for AI & Causal Methods in Medicine Consortium (CAIMed)
- Since 2022 Member, MHH University Council
- Since 2020 Member, Steering committee, Comprehensive Cancer Center – Lower Saxony (CCC-N)
- Since 2020 Member, Advisory committee, Medical Scientist Kolleg “Digital Transformation in Medicine – MD-Program (funded by Else Kröner-Fresenius-Stiftung)
- Since 2018 Co-Investigator, Young Academy - Program of Hannover medical school for clinician scientists (PRACTIS): funded by the DFG
- Since 2018 External advisor, promotion committee quality assurance board, Friedrich-Alexander-Universität Erlangen-Nürnberg
- Since 2014 PI & Member, Board of Directors, Research Campus Solution Centre for Image-guided Local Therapies (STIMULATE) Magdeburg, funded by the BMBF
- 2024 – 2027 PI, IMAGINE – Network for image guided precision therapy in Lower Saxony; funded by the BMBF
- 2022 – 2025 PI, KMU-innovativ – Joint project neonatal MRI of the lungs: radiation-free diagnostics for premature babies and infants(NeoLungMRI); Sub-project: clinical specification and validation of a demonstrator for a pediatric MRI lung application; funded by the BMBF
- 2016 – 2022 Cooperation partner, research grant: Improving Spatial Perception for Medical Augmented Reality with Interactable Depth Layers; funded by DFG
- 2012-2017 PI, Cluster of Excellence From Regenerative Biology to Reconstructive Therapy (REBIRTH 2), Unit 8.2 Cell tracking and organ imaging; funded by the DFG
- Since 2011 PI, German Centre for Lung Research (DZL), Biomedical Research in Endstage and Obstructive Lung Disease Hannover (BREATH); funded by the BMBF.

### **Academic Distinctions**

From 2001 to 2003: Visiting Professor at the Case Western Reserve University in Cleveland, Ohio, USA

From 2008 to 2016: Visiting and Adjunct Professor at the Johns Hopkins School of Medicine, Baltimore, Maryland, USA

**Publications:** [Wacker-F - Search Results - PubMed](#)