

Curriculum Vitae

Mark Oliver Wielpütz Professor Dr. med. MHBA
d.o.b. July 25th, 1982, in Cologne, Germany

University Education

2017-2019 Master of Health Business Administration, FAU Erlangen-Nuremberg
2016 Habilitation in Radiology, Ruprech-Karls-Universität Heidelberg
2009 Doctorate Medicine, FAU Erlangen-Nuremberg
2002-2008 Studies of Medicine, Friedrich-Alexander University Erlangen-Nuremberg, and University of Sydney, Australia

Scientific Career

2025 **Full Professor (Univ.-Prof.), Chair and Medical Director**, Department of Radiology
Neuroradiology and Nuclear Medicine, University Medicine Greifswald
2019-2024 **Associate Professor in Radiology (Apl. Prof.)**, University of Heidelberg
2017-2024 **Deputy Medical Director**, Diagnostic & Interventional Radiology, Universit
Hospital Heidelberg
2012-2020 **Head of Junior Research Group** Structural and Functional Airway Imaging, an
Principal Investigator, Translational Lung Research Center (TLRC) Heidelberg. Part
of German Center for Lung Research (DZL). Funded by BMBF.
2016 **Habilitation in Radiology (Priv.-Doz.)**, University of Heidelberg
2016 **Visiting Research Fellow**, Kobe Postgraduate School of Medicine, Kobe, Japan
2013-2017 **Senior Consultant and Head of Section Pulmonary Imaging**, Diagnostic
Interventional Radiology, University Hospital Heidelberg
2009-2013 **Resident in Radiology**, Diagnostic & Interventional Radiology, University Hospit:
Heidelberg, German Cancer Research Center (dkfz), and Thoraxklinik at Universit
of Heidelberg
2006 **Guest Scientist**, Dept. of Physiology, University of Sydney, Australia
2004-2008 **Doctoral Student (Dr. med.)**, Dept. of Cellular and Molecular Physiology, Universit
Erlangen-Nuremberg, final grade "summa cum laude"

Awards and Honors

2022 Vertex Innovation Award, Vertex Pharmaceuticals Inc.
2022 Marie Curie Ring 2022, Deutsche Röntgengesellschaft DRG, Wiesbaden, Germany
2022 Adolf Windorfer Award 2022, Mukoviszidose e.V., Bonn, Germany
2017 IWPMF 2017 & Airway Vista 2017 Scientific Paper Awards, Seoul, S. Korea
2016 AOWPMF 2016 Best Scientific Presentation Award, Awaji, Japan
2014 Christiane Herzog Research Award 2014, Mukoviszidose e.V., Bonn, Germany
2014 ECR 2014 Best Scientific Paper Award, European Society for Radiology, Vienna, Austria
2013 WCTI 2013 Young Investigator Scholarship & ESTI2013 Travel Award, Seoul, S. Korea

Citation Record

Total citations: 5,801; h-index:40; h-index since 2021: 30 (Google Scholar March 4th 2026)

Wielpütz MO, Puderbach M, Kopp-Schneider A, Stahl M, Fritzsching E, Sommerburg O, Sumkauskaitė M, Ley S, Biederer J, Kauczor HU, Eichinger M, Mall MA. Magnetic resonance imaging detects changes in structure and perfusion, and response to therapy in early cystic fibrosis lung disease. *Am J Respir Crit Care Med* 2014, 189(8):956-65, [DOI: 10.1164/rccm.201309-1659oc](https://doi.org/10.1164/rccm.201309-1659oc)

Stahl M*, **Wielpütz MO***, Graeber SY, Joachim C, Sommerburg O, Kauczor HU, Puderbach M, Eichinger M, Mall MA. (* shared first author). Comparison of lung clearance index and magnetic resonance imaging for assessment of lung disease in children with cystic fibrosis. *Am J Respir Crit Care Med* 2017, 195(3):349-359, [DOI: 10.1164/rccm.201604-0893oc](https://doi.org/10.1164/rccm.201604-0893oc)

Wielpütz MO, Eichinger M, Wege S, Eberhardt R, Mall MA, Kauczor HU, Puderbach MU, Risse F, Heußel CP, Heußel G. Mid-term reproducibility of chest MRI in adults with clinically stable cystic fibrosis and chronic obstructive pulmonary disease. *Am J Respir Crit Care Med* 2019, 200(1):103-107, [DOI: 10.1164/rccm.201812-2356le](https://doi.org/10.1164/rccm.201812-2356le)

Stahl M, Steinke E, Graeber SY, Joachim C, Seitz C, Kauczor HU, Eichinger M, Hämmerling S, Sommerburg O, **Wielpütz MO***, Mall MA*. (* shared last author). MRI detects progression of lung disease and impact of NBS in preschool children with CF. *Am J Respir Crit Care Med* 2021, 204(8):943-953, [DOI: 10.1164/rccm.202102-0278oc](https://doi.org/10.1164/rccm.202102-0278oc)

Wielpütz MO*, Stahl M*, Triphan SMF, Wucherpfennig L, Leutz-Schmidt P, Gestewitz S, Steinke E, Graeber SY, Kauczor HU, Eichinger M, Puderbach MU, Alrajab A, Schenk JP, Sommerburg O, Mall MA. (* shared first author). Longitudinal magnetic resonance imaging of changes in lung morphology and perfusion in children with cystic fibrosis from infancy through adolescence. *Ann Am Thorac Soc* 2024, online first, [DOI: 10.1513/annalsats.202404-396oc](https://doi.org/10.1513/annalsats.202404-396oc)

Kauczor HU, **Wielpütz MO** (Eds.). MRI of the Lung, 2nd Edition, Springer, Heidelberg 2019

Wucherpfennig L, Triphan SMF, Wege S, Kauczor HU, Heussel CP, Sommerburg O, Stahl M, Mall MA, Eichinger M, **Wielpütz MO**. Elexacaftor/tezacaftor/ivacaftor improves bronchial artery dilatation detected by magnetic resonance imaging in patients with cystic fibrosis. *Ann Am Thorac Soc* 2023, 20(11):1595-1604, [DOI: 10.1513/annalsats.202302-168oc](https://doi.org/10.1513/annalsats.202302-168oc)

Wucherpfennig L, Wuennemann F, Eichinger M, Schmitt N, Seitz A, Baumann I, Roehmel JF, Stahl M, Haemmerling S, Chung J, Schenk JP, Alrajab A, Kauczor HU, Mall MA, **Wielpütz MO***, Sommerburg O*. (* shared last author). Magnetic Resonance Imaging of Pulmonary and Paranasal Sinus Abnormalities in Children with Primary Ciliary Dyskinesia Compared to Children with Cystic Fibrosis. *Ann Am Thorac Soc* 2024, 21(3):438-448, [DOI: 10.1513/AnnalsATS.202305-453OC](https://doi.org/10.1513/AnnalsATS.202305-453OC)

Konietzke P, Thomä J, Weinheimer O, Do TD, Wagner WL, Bodenberger AL, Stiller W, Weber TF, Heußel CP, Kauczor HU, **Wielpütz MO**. Quantitative spectral computed tomography detects different patterns of airway wall thickening and contrast enhancement in infective lung disease: A feasibility study. *Eur Radiol* 2025, 35(12):8164-8175, [DOI: 10.1007/s00330-025-11752-5](https://doi.org/10.1007/s00330-025-11752-5)

Zhao S, Wucherpfennig L, Kou Y, Triphan SMF, Ringwald FG, Mall MA, Stahl M, Sommerburg O, Eisenmann U, Knaup-Gregori P, **Wielpütz MO**. Artificial intelligence improves chest x-ray interpretation employing magnetic resonance imaging as ground truth in patients with cystic fibrosis. *Am J Respir Crit Care Med* 2026, in press