

Curriculum Vitae

Philipp Markart Professor, Dr. med.
d.o.b. May 18th, 1972, in Fulda, Germany

University Education

2010 Non-tenured Professor of Medicine, JLU
2009 Habilitation Internal Medicine, Associate Professor of Medicine, JLU
1999 Doctorate Medicine, JLU
1998 German State Board of Medicine
1991–1998 Studies of Medicine Justus Liebig University Giessen (JLU)

Scientific Career

Since 2014 Director of the department of pulmonary medicine, Fulda Hospital, Campus Fulda, University Medicine Marburg
Since 2011 Member of the German Center for Lung Research (DZL)
Since 2010 Member of the Universities of Giessen and Marburg Lung Center (UGMLC)
Since 2007: Senior physician and deputy head of the Interstitial Lung Disease (ILD) clinic, Department of Internal Medicine, Justus-Liebig University Giessen, Germany
Since 2006 Member of the Excellence Cluster Cardio-Pulmonary System/Cardio-Pulmonary Institute (ECCPS/CPI)
2006-2011 Project leader, Clinical Research Group (DFG, KFO 118) "Pathomechanisms and therapy of lung fibrosis"
2003–2006 Project leader, Collaborative Research Center SFB 547 "Cardiopulmonary Vascular System"
2002-2007: Residency, Department of Internal Medicine, Justus-Liebig University Giessen, Germany
2000-2002: Postdoctoral Research Fellow, Division of Pulmonary Biology, Children's Hospital Medical Center, Cincinnati, Ohio, USA
1998-1999: Internship, Department of Internal Medicine, Justus-Liebig University Giessen, Germany

Awards and Honor

2013 Oskar Medicine Award of the Oskar Helene Heim Foundation
2008 Award of the German Respiratory Society (DGP) for the best scientific work of the year
2006 Young Investigators Award, German Society of Internal Medicine
2002 Travel Award of the American Thorax Society

Top-10 selected Publications

Schnieder J, Mamazhakypov A, Birnhuber A, Wilhelm J, Kwapiszewska G, Ruppert C, **Markart P**, Wujak L, Rubio K, Barreto G, Schaefer L, Wygrecka M. Loss of LRP1 promotes acquisition of contractile-myofibroblast phenotype and release of active TGF- β 1 from ECM stores. *Matrix Biol.* 2020 Jun;88:69-88

Wygrecka M, Kosanovic D, Wujak L, Reppe K, Henneke I, Frey H, Didiasova M, Kwapiszewska G, Marsh LM, Baal N, Hackstein H, Zakrzewicz D, Müller-Redetzky HC, de Maat S, Maas C, Nolte MW, Panousis C, Schermuly RT, Seeger W, Witzernath M, Schaefer L, **Markart P**. Antihistone Properties of C1 Esterase Inhibitor Protect against Lung Injury. *Am J Respir Crit Care Med.* 2017 Jul 15;196(2):186-199

Loeh B, Drakopanagiotakis F, Bandelli GP, von der Beck D, Tello S, Cordani E, Rizza E, Barrocu L, **Markart P**, Seeger W, Guenther A, Albera C. Intraindividual response to treatment with pirfenidone in idiopathic pulmonary fibrosis. *Am J Respir Crit Care Med*. 2015; 191(1):110-3;

Wygrecka M, Didiasova M, Berscheid S, Piskulak K, Taborski B, Zakrzewicz D, Kwapiszewska G, Preissner KT, **Markart P**. Protease-activated receptors (PAR)-1 and -3 drive epithelial-mesenchymal transition of alveolar epithelial cells – potential role in lung fibrosis. *Thromb Haemost* 110: 295-307, 2013

Wygrecka M, Dahal BK, Kosanovic D, Petersen F, Taborski B, von Gerlach S, Didiasova M, Zakrzewicz D, Preissner KT, Schermuly RT, **Markart P**. Mast Cells and Fibroblasts Work in Concert to Aggravate Pulmonary Fibrosis: Role of Transmembrane SCF and the PAR-2/PKC- α /Raf-1/p44/42 Signaling Pathway. *Am J Pathol*. 182: 2094-2108, 2013

Kwapiszewska G, **Markart P**, Dahal BK, Kojonazarov B, Marsh LM, Schermuly RT, Taube C, Meinhardt A, Ghofrani HA, Steinhoff M, Seeger W, Preissner KT, Olschewski A, Weissmann N, Wygrecka M. PAR-2 inhibition reverses experimental pulmonary hypertension. *Circ Res*. 110(9):1179-91, 2012

Wygrecka M, Wilhelm J, Jablonska E, Zakrzewicz D, Preissner KT, Seeger W, Guenther A, **Markart P**. Shedding of Low Density Lipoprotein Receptor-related Protein-1 in Acute Respiratory Distress Syndrome. *Am J Respir Crit Care Med* 184 (4): 438-448, 2011

Wygrecka M, Kwapiszewska G, Jablonska E, von Gerlach S, Henneke I, Zakrzewicz D, Guenther A, Preissner KT, **Markart P**. Role of Protease-Activated Receptor-2 in Idiopathic Pulmonary Fibrosis. *Am J Respir Crit Care Med* 183 (12): 1703-14, 2011

M. Wygrecka, L. Marsh, R. Morty, I. Henneke, J. Lohmeyer, A. Guenther, **P. Markart**, KT Preissner. Enolase-1 promotes plasminogen-mediated recruitment of monocytes to the acutely inflamed lung. *Blood* 113(22):5588-98, 2009; *geteilte Seniorautorenschaft mit KT Preissner*

P. Markart, T. Korfhagen, T. E. Weaver, H. T. Akinbi. Mouse lysozyme M is important in pulmonary host defense against *Klebsiella pneumoniae* infection. *Am. J. Respir. Crit. Care Med*. 169: 454-458, 2004