

## *Curriculum Vitae*

**Jochen Wilhelm** Dr.rer. nat.  
d.o.b. February 08<sup>th</sup>, 1972, in Giessen, Germany

### **University Education**

1998 - 2002 Doctorate Biochemistry, Justus Liebig University Giessen (JLU)  
1998 Diploma Biology, JLU  
1995–1998 Studies of Practical Informatics, JLU  
1993–1997 Studies of Biology, JLU

### **Scientific Career**

Since 2020 Head of the platform „Genomics and Bioinformatics“, Institute for Lung Health (ILH)  
Since 2012 PI „Systems Biology of the Lung“, Deutsches Zentrum für Lungenforschung (DZL)  
2012–2024 Head, Microarray Platform, Lung Research Center  
2010–2024 Head, ECCPS Microarray Unit  
2009–2010 Member, "Forum Bioinformatik", JLU  
Since 2009 Faculty member, UGMLC  
2007–2008 Committee member, "Bioinformatik und Systembiologie", JLU  
2003–2009 Postdoc, technological core platform of the CRC Cardiopulmonary System, JLU

### **Awards and Honors**

1998–2002 Fellowship DFG research training group "Molekulare Biologie und Pharmakologie"  
2015 Research prize of the René-Baumgart Stiftung for excellent research on pulmonary hypertony

### **Citation Record** (Google Scholar Mrz, 2026)

*Total citations: 10,852;*

*h-index 59; h-index since 2021: 39*

*i10-index 157; i10-index since 2021: 128*

## Top-10 selected Publications

Yogeswaran A, Hassoun PM, Saleh K, et al. Hemodynamics and Phosphodiesterase-5 Inhibitor Treatment Associated with Survival in Pulmonary Hypertension in Interstitial Lung Disease: A PVRI GoDeep Meta-Registry Analysis. **Am J Respir Crit Care Med**. 2025 Oct;211(10):1855-1866. doi: 10.1164/rccm.202412-2371OC.

Madan E, Palma AM, Vudatha V, Kumar A, et al. Ovarian tumor cells gain competitive advantage by actively reducing the cellular fitness of microenvironment cells. **Nature biotechnol**. 2025; Nov;43(11):1833-1847. doi: 10.1038/s41587-024-02453-3

Chu X, Kheirollahi V, Lingampally A, et al. GLI1+ Cells Contribute to Vascular Remodeling in Pulmonary Hypertension. **Circ Res**. 2024 May 24;134(11):e133-e149. doi: 10.1161/CIRCRESAHA.123.323736.

Veith C, Vartürk-Özcan I, Wujak M, et al. SPARC, a Novel Regulator of Vascular Cell Function in Pulmonary Hypertension. **Circulation**. 2022;145(12):916-933. doi:10.1161/CIRCULATIONAHA.121.057001

Birnhuber A, Jandl K, Biasin V, et al. Pirfenidone exacerbates Th2-driven vasculopathy in a mouse model of SSc-ILD. **Eur Respir J**. Published online March 24, 2022:2102347. doi:10.1183/13993003.02347-2021

Rai N, Sydykov A, Kojonazarov B, et al. Targeting peptidyl-prolyl isomerase 1 in experimental pulmonary arterial hypertension. **Eur Respir J**. Published online January 20, 2022:2101698. doi:10.1183/13993003.01698-2021

Yekelchik M, Madan E, **Wilhelm J**, et al. Flower lose, a cell fitness marker, predicts COVID-19 prognosis. **EMBO Mol Med**. 2021;13(11):e13714. doi:10.15252/emmm.202013714

Rai N, Sydykov A, Kojonazarov B, et al. Targeting peptidyl-prolyl isomerase 1 in experimental pulmonary arterial hypertension. **Eur Respir J**. 2022;60(2):2101698. doi:10.1183/13993003.01698-2021

Ahmadvand N, Khosravi F, Lingampally A, et al. Identification of a novel subset of alveolar type 2 cells enriched in PD-L1 and expanded following pneumonectomy. **Eur Respir J**. 2021;58(5):2004168. doi:10.1183/13993003.04168-2020

Seimetz M, Sommer N, Bednorz M, et al. NADPH oxidase subunit NOXO1 is a target for emphysema treatment in COPD. **Nat Metab**. 2020;2(6):532-546. doi:10.1038/s42255-020-0215-8