Curriculum Vitae

Jochen Wilhelm Dr.rer. nat.
d.o.b. Ferbruary 08th, 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 oft he platform „Genomics and Bioinformatics“, Institute for Lung Health (ILH)
Since 2012	PI „Systems Biology of the Lung“, Deutsches Zentrum für Lungenforschung (DZL)
Since 2012	Head, Microarray Platform, Lung Research Center
Since 2010	Head, ECCPS Microarray Unit
Since 2009	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
Total citations: 6,806; *h-index:47; h-index since 2017: 35* (Google Scholar July 21th, 2022)
Top-10 selected Publications

Yekelchyk 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

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

Kheirollahi V, Wasnick RM, Biasin V, et al. Metformin induces lipogenic differentiation in myofibroblasts to reverse lung fibrosis. **Nat Commun**. 2019;10(1):2987. doi:10.1038/s41467-019-10839-0

Poppe M, Wittig S, Jurida L, et al. The NF-κB-dependent and -independent transcriptome and chromatin landscapes of human coronavirus 229E-infected cells. **PLoS Pathog**. 2017;13(3):e1006286. doi:10.1371/journal.ppat.1006286

Hoffmann J, ***Wilhelm J***, Olschewski A, Kwapiszewska G. Microarray analysis in pulmonary hypertension. **Eur Respir J**. 2016;48(1):229-241. doi:10.1183/13993003.02030-2015

Zasłona Z, ***Wilhelm J***, Cakarova L, et al. Transcriptome profiling of primary murine monocytes, lung macrophages and lung dendritic cells reveals a distinct expression of genes involved in cell trafficking. **Respir Res**. 2009;10:2. doi:10.1186/1465-9921-10-2

Kwapiszewska G, ***Wilhelm J***, Wolff S, et al. Expression profiling of laser-microdissected intrapulmonary arteries in hypoxia-induced pulmonary hypertension. **Respir Res**. 2005;6:109. doi:10.1186/1465-9921-6-109

Wilhelm J, Pingoud A, Hahn M. Real-time PCR-based method for the estimation of genome sizes. **Nucleic Acids Res**. 2003;31(10):e56. doi:10.1093/nar/gng056

Wilhelm J, Pingoud A, Hahn M. SoFAR: software for fully automatic evaluation of real-time PCR data. **Biotechniques**. 2003;34(2):324-332. doi:10.2144/03342rr03

Königshoff M, ***Wilhelm J***, Bohle RM, Pingoud A, Hahn M. HER-2/neu gene copy number quantified by real-time PCR: comparison of gene amplification, heterozygosity, and immunohistochemical status in breast cancer tissue. **Clin Chem**. 2003;49(2):219-229. doi:10.1373/49.2.219