

Curriculum Vitae

Anna-Maria Dittrich Professor, Dr. med.
d.o.b. September 29th, 1973, in Goettingen, Germany

University Education

2013 Habilitation Pediatrics, Hannover Medical University (MHH)
2001 Doctorate Medicine, Humboldt University Berlin
1994–2001 Studies of Medicine, Humboldt University Berlin (HUB), Berlin, Germany, Université de Lausanne, Lausanne, Switzerland and State University of New York, Stony Brook, NY, USA

Scientific Career

Since 2020 Member Executive Board, Mukoviszidose e.V.
2018-2020 Chairwoman of the Scientific Advisory Board, Mukoviszidose e.V.
2013-2017 Chairwoman of the Working Group “Experimental Pediatric Pneumology”, Gesellschaft für Pädiatrische Pneumologie (GPP)
2014 Fellowship Allergology, Dpt. for Pediatric Pneumology, Allergology and Neonatology, MHH
Since 2013 Attending Pediatric Pneumology, Dpt. for Pediatric Pneumology, Allergology and Neonatology, MHH
2012-2013 Fellowship Pediatric Pneumology, Dpt. for Pediatric Pneumology, Allergology and Neonatology, MHH
Since 2011 Principal Investigator German Center for Lung Research, DZL
2011-2013 Member Committee for Gender and Diversity and Committee for Research, MHH
2009–2011 Residency Pediatric and Adolescent Medicine, Dpt. for Pediatric Pneumology, Allergology and Neonatology, MHH
2007-2012 Junior Research Group Leader, Collaborative Research Center 587 “Immune Reactions of the Lung in Allergic and Infectious Diseases”, MHH
2005-2007 Emmy-Noether-Fellowship, German Science Foundation (DFG)
2005-2007 Postdoctoral Fellow, Dpt. for Immunobiology, Yale University School of Medicine, New Haven, USA
2004-2005 Internship and Residency Pediatric and Adolescent Medicine, Dpt. for Pediatric Pneumology and Immunology, HUB
2002-2003 Postdoctoral Fellow, Dpt. for Pediatric neumology and Immunology, HUB

Awards and Honors

2016 Johannes Wenner Award, Gesellschaft für Pädiatrische Pneumologie (GPP)
2012 Klosterfrau Foundation Research Award for Pediatric Pneumology, Klosterfrau Foundation
2012 Christiane-Herzog Award for Cystic Fibrosis Research, Christiane-Herzog Foundation
2009 Junior Research Award, German Society for Allergy and Clinical Immunology (DGAKI)
2007 Fast Track Fellowship, Robert-Bosch Foundation
2006 Altana Pneumology Award
2004 Boehringer Ingelheim Travel Fellowship
2002 Robert-Koch-Award, Best Medical Dissertation, HUB

Citation Record

Total citations: 3,342; h-index:19; h-index since 2017: 14 (Google Scholar July 21st, 2022)

Top-10 selected Publications

Graeber SY, Renz DM, Stahl M, Pallenberg ST, Sommerburg O, Naehrlich L, Berges J, Dohna M, Ringshausen FC, Doellinger F, Vitzthum C, Röhmel J, Allomba C, Hämmerling S, Barth S, Rückes-Nilges C, Wielpütz MO, Hansen G, Vogel-Claussen J, Tümmler B, Mall MA, **Dittrich AM**. *Am J Respir Crit Care Med*. 2022 May 10. doi: [10.1164/rccm.202201-0219OC](https://doi.org/10.1164/rccm.202201-0219OC).

Graeber SY, Vitzthum C, Pallenberg ST, Naehrlich L, Stahl M, Rohrbach A, Drescher M, Minso R, Ringshausen FC, Rueckes-Nilges C, Klajda J, Berges J, Yu Y, Scheuermann H, Hirtz S, Sommerburg O*, **Dittrich AM**, Tümmler B, Mall MA. Effects of Elexacaftor/Tezacaftor/Ivacaftor Therapy on CFTR Function in Patients with Cystic Fibrosis and One or Two *F508del* Alleles. *Am J Respir Crit Care Med*. 2021 doi: [10.1164/rccm.202110-2249OC](https://doi.org/10.1164/rccm.202110-2249OC).

Hagner M, Albrecht M, Guerra M, Braubach P, Halle O, Zhou-Suckow Z, Butz S, Jonigk D, Hansen G, Schultz C, **Dittrich AM**, Mall MA. IL-17A from innate and adaptive lymphocytes contributes to inflammation and damage in cystic fibrosis lung disease. *Eur Respir J* 2020. 10:1900716. doi: [10.1183/13993003.00716-2019](https://doi.org/10.1183/13993003.00716-2019).

Stahl M, Wielpütz MO, Ricklefs I, Dopfer C, Barth S, Schlegtendal A, Graeber SY, Sommerburg O, Diekmann G, Hüsing J, Koerner-Rettberg C, Nährlich L, **Dittrich AM**, Kopp MV, Mall MA. Preventive Inhalation of Hypertonic Saline in Infants with Cystic Fibrosis (PRESIS): A Randomized, Double-Blind, Controlled Study. *Am J Respir Crit Care Med*. 2018. 199(10):1238. doi: [10.1164/rccm.201807-1203OC](https://doi.org/10.1164/rccm.201807-1203OC).

Lachmann N, Happle C, Ackermann M, Lüttge D, Wetzke M, Merkert S, Hetzel M, Kensah G, Jara-Avaca M, Mucci A, Skuljec J, **Dittrich AM**, Pfaff N, Brenning S, Schambach A, Steinemann D, Göhring G, Cantz T, Martin U, Schwerk N, Hansen G, Moritz T. *Am J Respir Crit Care Med*. 2014. 189(2):167-82. doi: [10.1164/rccm.201306-1012OC](https://doi.org/10.1164/rccm.201306-1012OC).

Albrecht M, Chen HC, Preston-Hurlburt P, Ranney P, Hoymann HG, Maxeiner J, Staudt V, Taube C, Bottomly HK, **Dittrich AM**. T(H)17 cells mediate pulmonary collateral priming. *J Allergy Clin Immunol*. 2011. 128:168-177. doi: [10.1016/j.jaci.2011.01.067](https://doi.org/10.1016/j.jaci.2011.01.067)

Dittrich AM, Meyer HA, Krokowski M, Quarcoo D, Ahrens B, Kube SM, Witzenrath M, Esworthy RS, Chu FF, Hamelmann E. 2009. Glutathione peroxidase-2 protects from allergen-induced airway inflammation in mice., *Eur Respir J* 2009. 35:1148-54. doi: [10.1183/09031936.00026108](https://doi.org/10.1183/09031936.00026108).

Dittrich, AM, Erbacher, A., Specht, S., Diesner, F., Krokowski, M., Stock, P., Awagjan, A., Ahrens, B., Hoffmann, W.H., Hoerauf, A., Hamelmann, E.H. Helminth infection with *Litomosoides sigmodontis* induces regulatory T cells and inhibits allergic sensitization, airway inflammation and hyperreactivity in a murine asthma model, *J Immunol*. 2008. 180:1792-1799. doi: [10.4049/jimmunol.180.3.1792](https://doi.org/10.4049/jimmunol.180.3.1792)

Dittrich AM, Chen, H.C., Xu L., Ranney P., Connolly S., Yarovinsky T., Bottomly H.K. A New Mechanism For Inhalational Priming: IL-4 Bypasses Innate Immune Signals, *J Immunol*. 2008. 181:7307-7315. doi: [10.4049/jimmunol.181.10.7307](https://doi.org/10.4049/jimmunol.181.10.7307).

Hutloff, A., **AM Dittrich**, K.C. Beier, B. Eljaschewitsch, R. Kraft I. Anagnostopoulos and R.A. Kroccek. ICOS is an inducible T-cell costimulator structurally and functionally related to CD28. *Nature* 1999. 397:263-266. doi: [10.1038/16717](https://doi.org/10.1038/16717)