

Curriculum Vitae

Harald Ehrhardt Professor, Dr. med.
d.o.b. November 15th, 1972, in Munich, Germany

University Education

2014 Habilitation Pediatrics, Ludwig-Maximilians-University Munich (LMU)
2000 Doctorate Medicine, Ludwig-Maximilians-University Munich (LMU)
1993–1999 Studies of Medicine, Ludwig-Maximilians-University Munich (LMU)

Scientific Career

Since 2021 Organizer graduate program JLU-TRAINEE for MD students, Justus-Liebig-University Gießen
Since 2020 W2 Professorship Neonatology, Justus-Liebig-University Gießen
Since 2020 member European Research Consortium "Pulmonology" of the European Society for Paediatric Research (ESPR)
Since 2020 Coordinating investigator OPTIMMAL multicenter study
Since 2020 Co-applicant and PI BMBF project MICRO-JET-N
Since 2020 associate PI BMBF project QuietamNox
Since 2019 member special interest group "preterm birth" of the European Association of Perinatal Medicine (EAPM)
Since 2017 PI KFO309 "Virus-induced lung injury" (project P6)
2014 Board Certification Pediatric Intensive Care Medicine
Since 2012 Sectional Head Neonatology, Department of General Pediatrics & Neonatology, Justus-Liebig-University Gießen
Since 2012 PI Universities of Giessen and Marburg Lung Center (UGMLC)
Since 2012 PI PROTECT-AIRR preterm cohort study of DZL (collaboration CPC-M and UGMLC)
2012-2016 PI COST action BM1201 "Developmental Origins of Chronic Lung Disease"
Since 2011 PI German Center for Lung Research (DZL), disease area "diffuse parenchymal lung diseases" (2011-2012 for the CPC-M site, since 2012 for the UGMLC site)
2006–2012 Senior physician Neonatology, Perinatal Center Großhadern, Ludwig-Maximilians-University Munich (LMU)
2000–2006 Internship and Residency, Department of Pediatrics, Ludwig-Maximilians-University Munich (LMU)

Citation Record

Total citations: 2,231; h-index:24; h-index since 2017: 21 (Google Scholar September 8th, 2022)

Top-10 selected Publications

Shahzad T, Chao CM, Hadzic S, Behnke J, Biebach L, Böttcher-Friebertshäuser E, Wilhelm J, Hilgendorff A, Zimmer KP, Morty RE, Bellusci S, **Ehrhardt H**. TRAIL protects the immature lung from hyperoxic injury. *Cell Death Dis* 2022, 13(7):614. doi: 10.1038/s41419-022-05072-5

Ehrhardt H, Desplanches T, van Heijst AJF, Toome L, Fenton A, Torchin H, Nuytten A, Mazela J, Zeitlin J, Maier RF. Mode of delivery and incidence of bronchopulmonary dysplasia; results from the population-based EPICE cohort. *Neonatology* 2022, 119(4):464-473. doi: 10.1159/000524337

Franz AR, Engel C, Bassler D, Rüdiger M, Thome UH, Maier RF, Krägeloh-Mann I, Kron M, Essers J, Bühner C, Rellensmann G¹, Rossi R, Bittrich HJ, Roll C, Höhn T, **Ehrhardt H**, Avenarius S, Körner HT, Stein A, Buxmann H, Vochem M, Poets CF, for the ETTNO Investigators. Effects of liberal versus restrictive transfusion thresholds on survival and neurocognitive outcome in extremely low birth weight infants. *JAMA* 2020, 324(6):560-570. doi: 10.1001/jama.2020.10690

Stoecklein S, Hilgendorff A, Li M, Förster K, Flemmer AW, Galiè F, Wunderlich S, Wang D, Stein S, **Ehrhardt H**, Dietrich O, Zou Q, Zhou S, Ertl-Wagner B, Liu H. Variable functional connectivity architecture of the preterm human brain: Impact of developmental cortical expansion and maturation. *Proc Natl Acad Sci USA* 2019;117(2):1201-6. doi: 10.1073/pnas.1907892117

Förster K, Ertl-Wagner B, **Ehrhardt H**, Busen H, Sass S, Pomschar A, Naehrlich L, Schulze A, Flemmer AW, Hübener C, Eickelberg O, Theis FJ, Dietrich O, Hilgendorff A. Altered relaxation times in magnetic resonance imaging indicating bronchopulmonary dysplasia. *Thorax* 2020;75(2):184-187. doi: 10.1136/thoraxjnl-2018-212384

Reicherzer T, Häffner T, Shahzad T, Gronbach J, Mysliwietz J, Hübener C, Hasbargen U, Gertheiss J, Schulze A, Bellusci S, Morty RE, Hilgendorff A, **Ehrhardt H**. Activation of the NFκB pathway alters the phenotype of MSCs in the tracheal aspirates of preterm infants with severe BPD. *Am J Physiol Lung Cell Mol Physiol* 2018;315(1):L87-L101. doi: 10.1152/ajplung.00505.2017

Förster K, Sass S, **Ehrhardt H**, Mous DS, Rottier RJ, Oak P, Schulze A, Flemmer AW, Gronbach J, Hübener C, Desai TJ, Eickelberg O, Theis FJ, Hilgendorff A. Early identification of bronchopulmonary dysplasia using novel biomarkers by proteomic screening. *Am J Respir Crit Care Med* 2018;197(8):1076-1080. doi: 10.1164/rccm.201706-1218LE

Oak P, Pritzke T, Thiel I, Koschlig M, Mous DS, Windhorst A, Jain N, Eickelberg O, Schulze A, Goepel W, Reicherzer T, **Ehrhardt H**, Rottier RJ, Ahnert P, Gortner L, Desai TJ, Hilgendorff A. Attenuated PDGF signaling drives alveolar and microvascular defects in neonatal chronic lung disease. *EMBO Mol Med* 2017;9(11):1504-1520. doi: 10.15252/emmm.201607308

Chao CM, Yahya F, Moiseenko A, Tiozzo C, Shrestha A, Ahmadvand N, El Agha E, Quantius J, Dilai S, Kheirollahi V, Jones M, Wilhelm J, Carraro G, **Ehrhardt H**, Zimmer KP, Barreto G, Ahlbrecht K, Morty RE, Herold S, Abellar RG, Seeger W, Schermuly R, Zhang JS, Minoo P, Bellusci S. Fgf10 deficiency is causative for lethality in a mouse model of bronchopulmonary dysplasia. *J Pathol* 2017;241(1):91-103. doi: 10.1002/path.4834

Ehrhardt H, Pritzke T, Oak P, Kossert M, Biebach L, Foerster K, Koschlig M, Alvira CM, Hilgendorff A. Absence of TNF-α enhances inflammatory response in the newborn lung undergoing mechanical ventilation. *Am J Physiol Lung Cell Mol Physiol* 2016;310(10):L909-18. doi: 10.1152/ajplung.00367.2015