

Curriculum Vitae

Vincent Gaertner Dr. med. B.Sc.

d.o.b. February 18th, 1989, in Starnberg, Germany

University Education

2019 Doctorate in Medicine, University of Regensburg
2012 – 2018 Studies of Medicine, University of Regensburg & University of Melbourne, Australia
2009 – 2012 Studies of Psychology, Mannheim University & Swansea University, UK

Scientific Career

Since 2023 Head Research Group “Neonatal Transition”, Ludwig-Maximilians-Universität, München, Germany
Since 2022 Postdoctoral research fellow, Division of Neonatology, Dr. von Hauner University Children’s Hospital, LMU Hospital, Munich
Since 2022 Residency in pediatrics, Dr. von Hauner University Children’s Hospital, LMU Hospital, Munich
2020 – 2022 Postdoctoral research fellow, Department of Neonatology and Newborn Research, University Hospital Zurich, Switzerland
2020 – 2022 Residency in pediatrics, University Hospital Zurich, Switzerland
2019 Residency in pediatrics, University Children’s Hospital Regensburg, Germany
2016 Endeavour Research Fellow of the Australian Government; Department of Newborn Research, The Royal Women’s Hospital, Melbourne, Australia
2013 – 2018 Bioinformatician, Department of Pediatric Pulmonology, University Children’s Hospital, Regensburg

Awards and Honors

2024 Scientific prize of the German Society for Neonatology and Pediatric Intensive Care Medicine (Second place)
Since 2022 Member of the Task Force Neonatal Resuscitation of the German Society for Neonatology and Pediatric Intensive Care Medicine
2022 Scientific prize of the Swiss Society for Neonatology
2021 Scientific prize of the German Society for Neonatology and Pediatric Intensive Care Medicine (First place)
2019 – 2022 Various research grants from public Swiss funds (University of Zurich and others)
2019 Young Investigator Grant, European Society for Pediatric Research
2019 Exceptional medical doctoral thesis (summa cum laude)
2016 Endeavour Research Fellowship, Australian Department of Education
2012 Exceptional bachelor’s thesis (summa cum laude)

Citation Record

Total citations: 545; h-index:15; h-index since 2017: 15 (Google Scholar June 25th, 2024)

Top-10 selected Publications

Gaertner VD, Büchler VL, Waldmann AD, Bassler D & Rüeeggler CM (2024). Deciphering Mechanisms of Respiratory Fetal-to-Neonatal Transition in Very Preterm Infants. *American Journal of Respiratory and Critical Care Medicine*. DOI: [10.1164/rccm.202306-1021OC](https://doi.org/10.1164/rccm.202306-1021OC)

Gaertner VD, Waldmann AD, Davis PG, Bassler D, Springer L, Thomson J, Tingay DG & Rüeeggler CM (2021). Transmission of oscillatory volumes into the preterm lung during noninvasive high-frequency ventilation. *American Journal of Respiratory and Critical Care Medicine*. DOI: [10.1164/rccm.202007-2701OC](https://doi.org/10.1164/rccm.202007-2701OC)

Gaertner VD, Minocchieri S, Waldmann A, Mühlbacher T, Bassler D & Rüeeggler CM (2022). Prophylactic surfactant nebulisation for the early aeration of the preterm lung: a randomised clinical trial. *Archives of Disease in Childhood: Fetal and Neonatal Edition*. DOI: [10.1136/archdischild-2022-324519](https://doi.org/10.1136/archdischild-2022-324519)

Gaertner VD, Thomann J, Bassler D & Rüeeggler C (2021). Surfactant nebulization to prevent intubation in preterm infants: A systematic review and meta-analysis. *Pediatrics*. DOI: [10.1542/peds.2021-052504](https://doi.org/10.1542/peds.2021-052504)

Gaertner VD, Rüeeggler CM, O'Curraïn E, Kamlin COF, Hooper SB, Davis PG & Springer L (2020). Physiological responses to facemask application in newborns immediately after birth. *Archives of Disease in Childhood: Fetal and Neonatal Edition*. DOI: [10.1136/archdischild-2020-320198](https://doi.org/10.1136/archdischild-2020-320198)

Blank D*, **Gaertner VD***, Kamlin COF, Nyland K, Eckard NO, Dawson JA, Kane SC, Polglase GR, Hooper SB & Davis PG (2018). Respiratory changes in term infants immediately after birth. *Resuscitation* (* shared first authors). DOI: [10.1016/j.resuscitation.2018.07.008](https://doi.org/10.1016/j.resuscitation.2018.07.008)

Gaertner VD, Flemmer SA, Lorenz L, Davis PG & Kamlin COF (2017). Physical stimulation of newborn infants in the delivery room. *Archives of Disease in Childhood: Fetal and Neonatal Edition*. DOI: [10.1136/archdischild-2016-312311](https://doi.org/10.1136/archdischild-2016-312311)

Fuchs O, Gorlanova O, Latzin P, Schmidt A, Schieck M, Toncheva AA, Michel S, **Gaertner VD**, Kabesch M & Frey U (2017). 6q12 and 11p14 variants are associated with postnatal exhaled nitric oxide levels and respiratory symptoms. *Journal of Allergy and Clinical Immunology*. DOI: [10.1016/j.jaci.2016.11.048](https://doi.org/10.1016/j.jaci.2016.11.048)

Schieck M, Schouten J, Michel S, Suttner K, Toncheva AA, **Gaertner VD**, Illig T, Lipinski S, Franke A, Klintschar M, Kalayci O, Sahiner UM, Birben E, Melén E, Perhagen G, Freidin MB, Ogorodova LM, Granell R, Henderson J, Brunekreef B, Smit HA, Vogelberg C, von Berg A, Bufe A, Heinzmann A, Laub O, Rietschel E, Simma B, Genuneit J, Jonigk D, Postma DS, Koppelman GH, Vonk JM, Timens W, Boezen HM & Kabesch M (2016). DMRT1 is a sex-specific genetic determinant of childhood onset asthma and is expressed in testis and macrophages. *Journal of Allergy and Clinical Immunology*. DOI: [10.1016/j.jaci.2015.12.1305](https://doi.org/10.1016/j.jaci.2015.12.1305)

Schedel M, Michel S, **Gaertner VD**, Toncheva AA, Depner M, Binia A, Schieck M, Rieger MT, Klopp N, von Berg A, Bufe A, Laub O, Rietschel E, Heinzmann A, Simma B, Vogelberg C, Genuneit J, Illig T & Kabesch M (2015). Polymorphisms related to ORMDL3 are associated with asthma susceptibility, alterations in transcriptional regulation of ORMDL3, and changes in TH2 cytokine levels. *Journal of Allergy and Clinical Immunology*. DOI: [10.1016/j.jaci.2015.03.014](https://doi.org/10.1016/j.jaci.2015.03.014)