

## *Curriculum Vitae*

**Harald Renz** Professor, Dr. med.  
d.o.b. October 22<sup>nd</sup>, 1960, in Bremerhaven, Germany

### **University Education**

1986 Doctorial thesis (“magna cum laude”), MD, University of Marburg, Germany  
1979 – 1986 Medical School, University of Marburg

### **Scientific Career**

1999 – date Professor and Director (W3) of the Institute of Laboratory Medicine and Pathobiochemistry, Molecular Diagnostics, (since 2010 Joint Institute of University Hospitals Giessen and Marburg  
2025 – date Co-Director Centre of Excellence, Kilimanjaro Christian Medical Centre (KCMC), Moshi, Tanzania  
2023 – date Project Coordinator CALM-QE (National Use Case Asthma and COPD Medical Informatics Initiative)  
2018 - date Project Leader Marburg MIRACUM network; Medical Informatics Initiative of the Federal Government (BMBF)  
2015 – 2021 Chief Medical Officer of the University Hospital Giessen and Marburg GmbH, Campus Marburg, Germany  
2011 – date Representative of the Philipps University of Marburg at the Deutsche Zentrum für Gesundheitsforschung DZL (German Lung Center)  
2010 – date Vice-speaker of UGMLC (Universities of Giessen and Marburg Lung Center)  
2007 – 2010 Coordinator of EU Tempus Program “New Medical Curriculum at Syrian Universities”  
2005 – 2014 Speaker of the Sonderforschungsbereich/Transregio22 (DFG-funded research consortium) “Allergic immune responses of the lung”  
2003 – 2009 Founding-Director of the Biomedical Research Center (BMFZ), Faculty of Medicine, Philipps University Marburg  
1993 – 1999 Senior and Attending Physician; Institute of Laboratory Medicine, Charité Berlin  
1994 Medical Specialist in Laboratory Medicine and Allergology  
1989 – 1993 Research Associate and Faculty Member, Department of Pediatrics, National Jewish Medical Center, Denver, CO 80206 USA (Prof. E. Gelfand)  
1988 – 1989 Resident in Pediatrics, Children’s Hospital, University of Marburg  
1986 – 1988 Postdoctoral Fellowship, Institute of Immunology, University of Marburg

### **Awards and Honors**

2025 – Visiting Professor, Tongji University School of Medicine, Shanghai, China  
2024 Erich-Fuchs-Award (Highest award Ärzteverband Deutscher Allergologen e.V.)  
2020 – Visiting and Honorary Professor, Kilimanjaro Christian Medical Center (KCMC; Moshi, Tanzania)  
2020 –2022 Visiting Professor, Sechenov University, Moscow, Russia  
2018 Forchheim Visiting Professor at Hebrew University Jerusalem (Israel) at Medical Faculty (1 year)  
2017 The Paul Martini Award for innovative drug development  
2015 Elected Fellow of the American Academy of Allergy, Asthma, and Clinical Immunology (AAAAI)  
2011/2012 Visiting Professor of Pediatrics at Harvard Medical School, Childrens Hospital Boston, USA

### **Citation Record**

*Total citations: 34,923; h-index: 97; (Scopus, March 2026)*

## Top-10 selected Publications

**Renz H**, Skevaki C. Early life microbial exposures and allergy risks: opportunities for prevention. **Nat Rev Immunol**. 21(3):177-191, 2021; doi: [10.1038/s41577-020-00420-y](https://doi.org/10.1038/s41577-020-00420-y).

Skevaki C, Chinthrajah S, Formina D, Rohde G, Cao S, He Z, Serdotetskova S, Seidemann C, Grünewaldt A, Vengadeswaran A, Xie M, Karsonova A, Karaulov A, Nadeau KC, Chung H-R; **Renz H**. Comorbidity defines risk of asthmatics for COVID-19 hospitalization: a global perspective. **J Allergy Clin Immunol**. 151(1):110-117, 2023; doi: [10.1016/j.jaci.2022.09.039](https://doi.org/10.1016/j.jaci.2022.09.039).

Krug N, Hohlfeld JM, Kirsten AM, Kornmann O, Beeh KM, Kappeler D, Korn S, Ignatenko S, Timmer W, Rogon C, Zeitvogel J, Zhang N, Bille J, Homburg U, Turowska A, Bachert C, Werfel T, Buhl R, Renz J, Garn H, **Renz H**. Allergen-induced asthmatic responses modified by a GATA3-specific DNAzyme. **New Engl J Med**, 372:1987-95, 2015; doi: [10.1056/NEJMoa1411776](https://doi.org/10.1056/NEJMoa1411776).

Skevaki C, Karsonova A, Karaulov A, Fomina D, Xie M, Chinthrajah S, Nadeau KC, **Renz H**. SARS CoV-2 infection and COVID-19 in asthmatics: a complex relationship. **Nature Reviews Immunology**, 21(4):202-203, 2021; doi: [10.1038/s41577-021-00516-z](https://doi.org/10.1038/s41577-021-00516-z).

Brand S, Kesper DA, Teich R, Kilic-Niebergall E, Pinkenburg O, Bothur E, Lohoff M, Garn H, Pfefferle PI, **Renz H**. DNA methylation of TH1/TH2 cytokine genes affects sensitization and progress of experimental asthma. **J Allergy Clin Immunol**. 2012 Jun;129(6):1602-10.e6. doi: [10.1016/j.jaci.2011.12.963](https://doi.org/10.1016/j.jaci.2011.12.963).

**Renz H**, Brandtzaeg P, Hornef M. The impact of perinatal immune development on mucosal homeostasis and chronic inflammation. **Nat Rev Immunol**. 12(1):9-23, 2011; doi: [10.1038/nri3112](https://doi.org/10.1038/nri3112).

Brand S, Teich R, Dicke T, Harb H, Yildirim AÖ, Tost J, Schneider-Stock R, Waterland RA, Bauer U-M, von Mutius E, Garn H, Pfefferle PI, **Renz H**. Epigenetic regulation in murine offspring as a novel mechanism for transmaternal asthma protection induced by microbes. **J Allergy Clin Immunol**, 128(3):618-25, 2011; doi: [10.1016/j.jaci.2011.04.035](https://doi.org/10.1016/j.jaci.2011.04.035).

Conrad LM, Ferstl R, Teich R, Brand St, Blümer N, Yildirim AÖ, Patrascan CC, Hanuszkiewicz A, Akira S, Wagner H, Holst O, von Mutius E, Pfefferle PI, Kirschning CJ, Garn H and **Renz H**. Maternal TLR signalling is required for prenatal asthma protection by the non-pathogenic microbe *Acinetobacter lwoffii* F78. **J Exp Med**, 206(13):2869-2877, 2009; doi: [10.1084/jem.20090845](https://doi.org/10.1084/jem.20090845).

Shamji MH, Sharif H, Layhadi JA, Zhu R, Kishore U, **Renz H**. Diverse immune mechanisms of allergen immunotherapy for allergic rhinitis with and without asthma. **Journal of Allergy and Clinical Immunology** 149(3):791-801, 2022; doi: [10.1016/j.jaci.2022.01.016](https://doi.org/10.1016/j.jaci.2022.01.016)

Sinkkonen A, Roslund M, Skevaki C, Mmbaga BT, Nadeau KC, **Renz H**. Can we improve immune health by restoring microbial biodiversity? **Nat Rev Immunol**. 2025 Jul;25(7):477-478 doi: [10.1038/s41577-025-01190-1](https://doi.org/10.1038/s41577-025-01190-1)