

Curriculum Vitae

Harald Renz

Prof. Dr. med.
d.o.b. October 22nd, 1960, in Bremerhaven, Germany

University Education

1989 - 1993 Research Associate and Faculty Member, Department of Pediatrics, National Jewish Medical Center Denver, USA
1988 - 1989 Resident, Children's Hospital, University of Marburg
1986 - 1988 Postdoctoral Fellowship, Institute of Immunology, University of Marburg
1986 Doctoral thesis ("magna cum laude"), Dr. med., University of Marburg,
1979 – 1986 Medical School, University of Marburg

Scientific Career

Since 1999 Professor (C4) and Director Dept. of Clinical Chemistry and Molecular Diagnostics, Philipps-University Marburg
2015 - 2021 CMO of the University Hospital Marburg (UKGM GmbH)
Since 2022 President, German Society of Clinical Chemistry and Laboratory Medicine (DGKL)
Since 2021 Visiting and Honorary Professor in Laboratory Medicine Kilimanjaro Christian Medical College, Moshi, Tanzania
Since 2020 Visiting Professor Sechenov University Moscow, Russia
2017 - 2018 Visiting Professor Hadassah University Jerusalem, Israel
2011 - 2013 Visiting Professor Children's Hospital at Harvard Medical School, Boston, USA (Fellow Fulbright)
2018 – 2022 Vice-President, German Society of Clinical Chemistry and Laboratory Medicine (DGKL)
Since 2011 Associate Editor "*Journal of Allergy and Clinical Immunology*" (IF 10.7)
Since 2010 Vice-speaker UGMLC (Universities of Giessen and Marburg Lung Centre), Member of DZL (German Lung Centre)
Since 2010 Member of the Senate of the Philipps University Marburg
2010 - 2016 President, German Society of Allergy and Clinical Immunology (DGAKI)
2009 - 2013 Vice-speaker of the LOEWE Schwerpunkt "Tumor and Inflammation"
2007 - 2010 Coordinator of EU Tempus Programme "New Medical Curriculum at Syrian Universities"
2006 / 2007 Co-Founder of Start-Up-Companies *sterna biologicals* / *SECARNA pharmaceuticals*
2005 - 2014 Speaker of the Sonderforschungsbereich/Transregio 22 "Allergische Immunantworten der Lunge"
1993 - 1999 Attending Physician (C2), Institute of Laboratory Medicine Charité University Hospital, Humboldt-University Berlin
1994 / 1999 Board Certification in Laboratory Medicine and Allergology (LÄK Berlin)
1994 Venia Legendi in Laboratory Medicine and Immunopathology (Habilitation; Humboldt University Berlin)

Awards & Honors

2017 Paul Martini Prize for Drug Development
2015 Elected Fellow of the American Association of Allergy, Asthma, and Clinical Immunology (AAAAI)

2004	The Richard S. Farr Memorial Lectureship of the AAAAI, San Francisco
1999	Gábor Szász Award of the Deutsche Gesellschaft für Klinische Chemie
1996	Karl Hansen Award of the Deutsche Gesellschaft für Allergie- und Immunitätsforschung

Citation record

Personal Hirsch-Factor (2022):	53
Original research contributions in peer-reviewed international journals	More than 300
Review articles and editorials	More than 130
Book chapters in national and international handbooks and research	More than 70

Citation Report Web of Science Core Collection (08/2018)

Citations in scientific publications	12.732
Citations in scientific publications without self-citation	12.444

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 (IF 40.4)

Potaczek D, Unger S, Zhang N, Taka S, Michel S, Akdag N, Lan F, Hlefer M, Hudemann C, Eickmann M, Skevaki C, Megremis S, Sadewasser A, Alashkar Alhamwe B, Alhamdan F, Akdis M, Edwards MR, Johnston SL, Akdis CA, Becker S, Bachert C, Papadopoulos NG, Garn H, **Renz H.** Development and characterization of DNazyme candidates demonstrating significant efficiency against human rhinoviruses. **J Allergy Immunol.**143:1403-1415, 2019 (IF 10.2)

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. (IF 54.4)

Brand S, Kesper DA, Teich R, Kilic-Niebergall E, Pinkenburg O, Bothur E, Lohoff M, Garn H, Pfefferle PI, **Renz H.** DNA methylation of T(H)1/T(H)2 cytokine genes affects sensitization and progress of experimental asthma. **J Allergy Clin Immunol,** 129(6):1602-1610.e6, 2012 (12.0)

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 (IF 35.2)

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 (IF 11.0)

Sonar SS, Hsu Y-M, Conrad ML, Majeau GR, Kilic A, Garber E, Gao Y, Nwankwo C, Willer G, Dudda JC, Kim H, Bailly V, Pagenstecher A, Rennert PD and **Renz H.** Antagonism of TIM-1 blocks the development of disease in a humanized mouse model of allergic asthma. **J Clin Invest,** 120(8):2767-81, 2010 (IF 16.5)

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 (IF 15.2)

Renz H, Bradley K, Saloga J, Loader J, Larsen GL and Gelfand EW. T cells expressing specific V β elements regulate IgE production and airways responsiveness in vivo. **J Exp Med,** 177: 1175-80, 1993 (IF 15.2)

Renz H, Bradley KL, Marrack P and Gelfand EW. T cells expressing variable elements of T-cell receptor b β and b δ chain regulate murine IgE production. **Proc Natl Acad Sci, USA** 89: 6438-6442, 1992 (IF 10.2)