

Curriculum Vitae

Erika von Mutius

Professor, Dr. med. Dr. h.c
d.o.b. 14 May, 1957, in Bonn, Germany

University Education

2005	Certification in Pediatric Pulmonology, LMU
2004	Professor of Pediatric Allergology, LMU
2000	Master of Science in Epidemiology, Harvard School of Public Health, Boston, US
1998	“Habilitation” in Pediatrics, LMU
1996	Certification in Allergology, LMU
1992	Specialist Diploma (“Facharzt”) in Pediatrics, LMU
1990	Doctoral Degree (“Dr. med.”) in Pediatrics, LMU
1984	MD, “Approbation”, LMU
1976–1984	Medical School, Ludwig Maximilian University of Munich

Scientific Career

Since 2021	Department Head of the Environmental Health Center at Helmholtz Munich
Since 2017	Director of the Institute of Asthma and Allergy Prevention at Helmholtz Munich
Since 2025	Member of the Scientific Advisory Panel for The Natasha Allergy Research Foundation
Since 2024	Member of the Award Committee of the International Balzan Foundation, Milan
Since 2021	Member of the HpVac Scientific Advisory Board, Geneva, Switzerland
Since 2021	Member of the OM Pharma Scientific Advisory Board, Geneva, Switzerland
Since 2020	Member of the BEAMS External Scientific Advisory Board (ESAB), University of Arizona, US
Since 2019	Member of the Scientific Advisory Board of the Excellence Cluster RESIST – Resolving Infection Susceptibility, Medical School, Hannover, Germany
2018-2024	Member of the Selection Committee for the Gottfried Wilhelm Leibniz Award of the Deutsche Forschungsgemeinschaft (German Research Foundation – DFG), Bonn, Germany
2017-2023	Member of the Board of Directors of the German Centre for Lung Research (DZL)
2017-2023	Director of the Munich site of the DZL (Comprehensive Pneumology Center München/CPC-M)
2016-2023	Coordinator of the „Disease Area Asthma and Allergy“ within the DZL
Since 2013	Member of the International Advisory Board of “The Lancet Respiratory Medicine”
Since 2010	Member of the Board of the Center for Advanced Studies at Ludwig Maximilian University (LMU) Munich
2006-2018	Member of the Editorial Board of “The New England Journal of Medicine”

1997 + 1999	Training in Clinical Effectiveness at the Harvard School of Public Health, Boston, US
1993-2023	Head of the Asthma and Allergy Department of the University Children's Hospital Munich
1992 – 93	Research Fellowship at the Respiratory Sciences Center, University of Arizona, Tucson, US, with F.D. Martinez
1984 – 92	Internship, Residency and Assistant in the Departments of General Pediatrics, Neonatal and Pediatric Intensive Care, University Children's Hospital Munich, Germany

Awards and Honors

2025	Medal of the German Society for Allergology and Clinical Immunology
2024	Honorary Award of the Society for Paediatric Pneumology (GPP) on the occasion of the 45th GPP Annual Meeting, Bochum
2023	Bavarian Maximilian Order for Science and Art from the State of Bavaria in recognition of lifetime achievements
2022	Advanced Grant of the European Research Council (ERC)
2021	Honorary Professor in the Centre for Genomics and Child Health within Blizard Institute, Queen Mary University of London
2019	Balzan Prize for Pathophysiology of Respiration: From Basic Sciences to the Bedside, Research Group of Erika von Mutius, Klaus Rabe, Werner Seeger and Tobias Welte
2018	Lucie Adelsberger Medal of the German Society for Pediatric Allergology and Environmental Medicine (GPA)
2017	ERS Assembly Lifetime Achievement Award, European Respiratory Society, Milan, Italy
2017	President's Award in Recognition of Outstanding Achievements Towards the Understanding of the Development of Asthma and Allergies, 16 th International Congress on Pediatric Pulmonology, Lisbon, Portugal
2015	Fellow of the European Respiratory Society (FERS)
2015	Annual Margaret Turner Warwick Respiratory Lecture, Imperial College London, Great Britain
2013	Gottfried-Wilhelm-Leibniz Prize of the German Research Foundation (DFG)
2013	Order of Merit of the Federal Republic of Germany ("Bundesverdienstkreuz")
2011	Daniel Bovet Award for improving treatment and prevention of allergic diseases, <i>European Academy of Allergy and Clinical Immunology (EAACI)</i>
2010	Doctor Honoris Causa from the University of Helsinki
2010	Advanced Investigators Grant of the European Research Council (ERC)
2008	Medal of the University of Helsinki for distinguished guests
2008	"Profile: Erika von Mutius: Reshaping the Landscape of Asthma Research" published in "Lancet"
2008	"Europamedaille" for special merits for Bavaria in Europe awarded by the Bavarian State Chancellery
2007	Jeffrey M. Drazen Visiting Professorship, Harvard Medical School, Boston, US
2007	Research award of the German Paediatric Society for Allergology and Environmental Medicine
2006	Jack Pepys Lecture at the Meeting of the British Society for Allergy and Clinical Immunology (BSACI), Great Britain
2004	Robert Sauer Award of the Bavarian Academy of Sciences and Humanities (BAdW)

2000	Award of the Ludwig Maximilian University Munich, Germany, for the best „Habilitation“ at this university for the last 4 years
1999	Elliot Ellis Lectureship at the American Academy of Allergy, Asthma and Immunology (AAAAI) Annual Meeting
1996	Award of the European Respiratory Society for Paediatric Respiratory Research in Europe

Citation Record

Total citations: 89.026; h-index:144; h-index since 2021: 67 (Google Scholar March 17, 2026)

Top-10 selected Publications

1. Riedler J, Braun-Fahrländer C, Eder W, Schreuer M, Waser M, Maisch S, Carr D, Schierl R, Nowak D, von Mutius E and the ALEX Study Team. Early life exposure to farming provides protection against the development of asthma and allergy. *Lancet* 2001;358:1129-33.
2. Braun-Fahrländer C, Riedler J, Herz U, Eder W, Waser M, Grize L, Maisch S, Carr D, Gerlach F, Bufe A, Lauener RP, Schierl R, Renz H, Nowak D, von Mutius E; Allergy and Endotoxin Study Team. Environmental exposure to endotoxin and its relation to asthma in school-age children. *N Engl J Med* 2002;347:869-77.
3. Illi S, von Mutius E, Lau S, Niggemann B, Grüber C, Wahn U and on behalf of the Multicentre Allergy Study (MAS) group. Perennial allergen sensitisation early in life and chronic asthma in children: a birth cohort study. *Lancet* 2006; 368: 763-770.
4. Moffatt MF, Gut IG, Demenais F, Strachan DP, Bouzigon E, Heath S, von Mutius E, Farrall M, Lathrop M, Cookson WO; GABRIEL Consortium. A large-scale, consortium-based genomewide association study of asthma. *N Engl J Med*. 2010 Sep 23;363(13):1211-21.
5. Ege MJ, Mayer M, Normand AC, Genuneit J, Cookson WO, Braun-Fahrländer C, Heederik D, Piarroux R, von Mutius E; GABRIELA Transregio 22 Study Group. Exposure to environmental microorganisms and childhood asthma. *N Engl J Med*. 2011 Feb 24;364(8):701-9.
6. Schuijs MJ, Willart MA, Vergote K, Gras D, Deswarte K, Ege MJ, Madeira FB, Beyaert R, van Loo G, Bracher F, von Mutius E, Chanez P, Lambrecht BN, Hammad H. Farm dust and endotoxin protect against allergy through A20 induction in lung epithelial cells. *Science*. 2015 Sep 4;349(6252):1106-10.
7. Stein MM, Hrusch CL, Gozdz J, Igartua C, Pivniouk V, Murray SE, Ledford JG, Marques dos Santos M, Anderson RL, Metwali N, Neilson JW, Maier RM, Gilbert JA, Holbreich M, Thorne PS, Martinez FD, von Mutius E, Vercelli D, Ober C, Sperling AI. Innate Immunity and Asthma Risk in Amish and Hutterite Farm Children. *N Engl J Med*. 2016 Aug 4;375(5):411-21.
8. Kirjavainen PV, Karvonen AM, Adams RI, Täubel M, Roponen M, Tuoresmäki P, Loss G, Jayaprakash B, Depner M, Ege MJ, Renz H, Pfefferle PI, Schaub B, Lauener R, Hyvärinen A, Knight R, Heederik DJJ, von Mutius E, Pekkanen J. Author Correction: Farm-like indoor microbiota in non-farm homes protects children from asthma development. *Nat Med*. 2019 Aug;25(8):1319.
9. Depner M, Taft DH, Kirjavainen PV, Kalanetra KM, Karvonen AM, Peschel S, Schmausser-Hechfellner E, Roduit C, Frei R, Lauener R, Divaret-Chauveau A, Dalphin JC, Riedler J, Roponen M, Kabesch M, Renz H, Pekkanen J, Farquharson FM, Louis P, Mills DA, von Mutius E; PASTURE study group; Ege MJ. Maturation of the gut microbiome during the first year of life contributes to the protective farm effect on childhood asthma. *Nat Med*. 2020 Nov;26(11):1766-1775.
10. Dragunas G, Klotz M, Chen S, Ertüz Z, Tan X, Korkmaz ÜR, Shankhwar S, Rankl B, Dhakad D, Omony J, Mayr CH, Chen Y, Agami A, Lin CW, Müller C, Lunding L, Wegmann M, Berner J, Popovic J, Schraml BU, Adler H, Falter-Braun P, Schiller H, Watz H, Conlon TM, Jeridi A, Kapellos TS, von Mutius E, Yildirim AÖ. A beneficial environment promotes immune resilience through epigenetic regulation. *Sci Adv*. 2026 Feb 27;12(9):eady7317