

Curriculum Vitae

Erika von Mutius Professor, Dr. med.
d.o.b. May 14th, 1957

Education

2005 Medical subspecialty Certification in Paediatric Pneumology
2000 Master of science in Epidemiology at Harvard School of Public Health, Boston, USA
1998 Habilitation in Paediatrics, Ludwig-Maximilian University Munich, Germany; "Risk factors for asthma and allergies in children"
1995 Medical subspecialty Certification in Allergology
1992–1993 Research Fellowship at the Respiratory Sciences Center, University of Arizona, Tucson, USA; with F.D.Martinez
1992 Specialist Diploma ("Facharzt") in Paediatrics
1990 Doctoral degree in Paediatrics at the University Children's Hospital, Ludwig-Maximilian University Munich, Munich, Germany
1978–1984 Medical School of Ludwig-Maximilian University Munich, Germany

Current Positions

Since 09/2021 Head of Department Environmental Health, Helmholtz Zentrum München, Research Center for Environmental Health, Munich, Germany
Since 07/2017 Director of the Institute of Asthma and Allergy Prevention, Helmholtz Zentrum München, Munich, Germany
Since 2017 Director of the Munich site of the German Centre for Lung Research, DZL, Germany
Since 2017 Member of the Board of Directors of the German Centre for Lung Research, DZL, Germany
Since 2016 Coordinator of the disease area asthma & allergy within the German Centre for Lung Research, DZL, Germany
Since 2010 Member of the Board of Directors of the Centre of Advanced Studies of Ludwig Maximilian University Munich Germany
Since 2004 Professor of Pediatric Allergology, Ludwig Maximilian University Munich ('German Elite University'), Germany
Since 1993 Head of the Asthma and Allergy Department of the University Children's Hospital, Ludwig Maximilian University Munich, Germany

Awards and Honors

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 **President's Award** in Recognition of Outstanding Achievements Towards the Understanding of the Development of Asthma and Allergies, 16th International Congress on Pediatric Pulmonology, Lisbon, Portugal,
2015 Annual Margaret Turner Warwick Respiratory Lecture
2013 **Order of Merit** of the Federal Republic of Germany ("**Bundesverdienstkreuz**")
2013 **Gottfried-Wilhelm-Leibniz Prize** of the German Research Foundation
2011 **Daniel Bovet Award** for Improving treatment and prevention of allergic diseases, European Academy of Allergy and Clinical Immunology
2010 **Doctor Honoris Causa** from the University of Helsinki

Citation Record

Total citations: 44,243; h-index:105 (ISI Web of Science, April 4th, 2022)

Top-10 selected Publications

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 (IF: 29.065 ; Citations: 1288)

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. (IF: 53.486; Citations: 934)

Ili S*, Depner M, Genuneit J, Horak E, Loss G, Strunz-Lehner C, Büchele G, Boznanski A, Danielewicz H, Cullinan P, Heederik D, Braun-Fahrländer C, **von Mutius E**; GABRIELA Study Group. Protection from childhood asthma and allergy in Alpine farm environments-the GABRIEL Advanced Studies. **J Allergy Clin Immunol.** **2012** Jun;129(6):1470-7.e6 (IF: 11.003; Citations: 127)

Fuchs O*, Genuneit J, Latzin P, Büchele G, Horak E, Loss G, Sozanska B, Weber J, Boznanski A, Heederik D, Braun-Fahrländer C, Frey U, **von Mutius E**; GABRIELA Study Group. Farming environments and childhood atopy, wheeze, lung function, and exhaled nitric oxide. **J Allergy Clin Immunol.** **2012** Aug;130(2):382-388.e6 (IF: 11.003; Citations: 56)

Depner M*, Ege MJ*, Genuneit J, Pekkanen J, Roponen M, Hirvonen MR, Dalphin JC, Kaulek V, Krauss-Etschmann S, Riedler J, Braun-Fahrländer C, Roduit C, Lauener R, Pfefferle PI, Weber J, **von Mutius E**; PASTURE Study Group. Atopic sensitization in the first year of life. **J Allergy Clin Immunol.** **2013** Mar;131(3):781-8. (IF: 12.047; Citations: 37)

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. (IF: 33.611; Citations 323)

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. (IF: 59.558; Citations: 429)

Depner M*, Ege MJ, Cox MJ, Dwyer S, Walker AW, Birzele LT, Genuneit J, Horak E, Braun-Fahrländer C, Danielewicz H, Maier RM, Moffatt MF, Cookson WO, Heederik D, **von Mutius E**, Legatzki A. Bacterial microbiota of the upper respiratory tract and childhood asthma. **J Allergy Clin Immunol.** **2017** Mar;139(3):826-834.e13 (IF: 13.081; Citations: 87)

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, Pekkanen J. **von Mutius E**, Farm-like indoor microbiota in non-farm homes protects children from asthma development. **Nat Med.** **2019** Jul;25(7):1089-1095. doi: 10.1038/s41591-019-0469-4. Epub 2019 Jun 17. Erratum in: **Nat Med.** 2019 Aug;25(8):1319. PMID: 31209334. (IF: 30.648; Citations: 75)

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. 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. doi: 10.1038/s41591-020-1095-x. Epub 2020 Nov 2. PMID: 33139948. (IF: 36.130; Citations: 17)

* author's from my working group; # shared last authorship