

Curriculum Vitae

Bianca Schaub Professor, Dr. med.
d.o.b. October 23 rd, 1970

University Education

2009 Habilitation Pediatrics, LMU Munich
1998 Doctorate Medicine, LMU Munich
1989–1997 Studies of Medicine, LMU Munich, Germany, University of Dundee Scotland,
Electives in Denver, USA, Melbourne, Australia, Bern, Switzerland

Scientific Career

Since 2025 Member, Steering Committee of DZL Munich (german lung center), CPC-M
Since 2024 Authorization for Pediatric Pneumology training
Since 2024 EAACI Representative of DGAKI for National Allergy Society (NAS) Committee
2023-2028 Appointment as Member of Pediatric Pneumology Examination Board
Since 2023 Coordinator of Disease Area Asthma & Allergies, DZL
Since 2023 Permanent Professorship, LMU Munich
Since 2023 Head of Department of Allergy, LMU Munich, Joint Head of Department of Pediatric Pulmonary
Since 2021 Principal Investigator at Munich site of German Center for Child and Youth Health (DZKJ)
Since 2021 Authorization for Allergology training
Since 2019 Heisenberg Professorship (W2, DFG), LMU Munich
Since 2019 Head of iSPZ Dept. of Allergy & Asthma, LMU Munich
Since 2017 Coordinator of CHAMP (BMBF project)
Since 2014 Principal Investigator at DZL (German lung Center)
Since 2014 Certification as “Patient Trainer”
Since 2009 Deputy Head of Department of Allergy& Asthma, University Children’s Hospital, LMU Munich
Since 2009 Consultant in Pediatrics,
2009 Board exam in Pediatric Pulmonary
Since 2009 Certificate for asthmatrainer
2008 Board exam in Pediatric allergology
2006 Board exam in Pediatrics
Since 2004 Head Research Group Pediatric Allergy & Immunology, University Children’s hospital, LMU Munich
2002-2004 *Postdoctoral Research Fellowship*, Harvard Medical School, Boston, USA
1997-2001 Pediatric internship at the University Children’s Hospital, Munich, Germany
General Pediatrics, Pulmonology, Gastroenterology, Nephrology, Inborn Errors of Metabolism, Neonatal Intensive Care Medicine, Neonatology, Haematology and Oncology
1998 Licence Emergency Medicine

Awards and Honors

2024-2026: Editorial Board Member of Pediatric Allergy and Immunology
2022-24 Election as EAACI Board Member WG Infections (Basic & Clinical Immunology Section).
2023: ERS Mid-Career Gold Medal in Asthma
2023: Invitation to ERS College of Expert Members
2023: Invitation to EAACI Research Network (ERN)

2022	Elected Board Member EAACI, WG Infection
2021	Elected Member Steering Committee CAC _{LMU} : comprehensive allergy centre
2021	Elected Member of Steering Committee of Munich Child Health Alliance
2021-23	Advisory Board Seminars of Immunopathology
2020	Election for Scientific Advisory Board DFG for Junior Scientists
2019	Election as extended Steering Committee Member DGAKI
2018	LMU Research Award for excellent students of AG Allergy/Immunology
2016	Research Award of German Society of Allergy and Clinical Immunology (DGAKI)
2013	Research Award of Pediatric Allergy Association (GPA)
2013	Henning Løwenstein Research Award from World Allergy Organization, WAO
2013	Johannes Wenner Award, Pediatric Pulmonary Association (GPP), German Lung Foundation
2010	Pediatric Respiratory Research Award from ERS (Europ. Resp. Society), Merck
2009	Klosterfrau Research Award for Asthma of the German Pediatric Pulmonary Society
2008	Award of Annual Meeting of German Society of Pediatrics
2008	ATS Grant American Thoracic Society
2007/ 2005	EAACI Basic Immunology in Allergy and Clinical Immunology Travel Grant
2005	ERS Lung Science Conference Travel Grant: Taormina
2005	ERS Conference Grant: Kopenhagen
2000	Grant at Annual Meeting of South German Society of Pediatrics

Citation Record

Total citations: 9386; h-index: 48, h-index since 2021: 34 (Google Scholar May 15th 2026)

Top-10 selected Publications

1. F Foppiano, A Böck, C Beerweiler, K Urner, M Ege, E Schmausser-Hechfellner, C Skevaki, U Frey, J Riedler, R Frei, R Lauener, C Roduit, AM Karvonen, M Roponen, J Pekkanen, A Divaret-Chauveau, C Barnig, E von Mutius, **B Schaub**, the PASTURE study group. Longitudinal Transcriptomic Analysis in Childhood Asthma: Identifying Early and Persistent Gene Signatures. **Am J Respir Crit Care Med.** 2026 Mar 27:aamag142. doi: 10.1093/ajrccm/aamag142. PMID: 42085277 *IF 19.4.*
2. C Beerweiler, M Salvermoser, J Theodorou, A Böck; F Sattler; P Kulig.; V Tosevski, **B Schaub**, Farm-dust mediated protection of childhood asthma: Mass-cytometry reveals novel cellular regulation. **Allergy.** 2024 Nov;79(11):3022-3035. doi: 10.1111/all.16347. PMID: 39400913. *IF: 12.6*
3. Nahum U, Gorlanova O, Decrue F, Oller H, Delgado-Eckert E, Böck A, Schulzke S, Latzin P, **Schaub B**, Karvonen AM, Lauener R, Divaret-Chauveau A, Illi S, Roduit C, von Mutius E, Frey U; BILD study group; PASTURE study group. Symptom trajectories in infancy for the prediction of subsequent wheeze and asthma in the BILD and PASTURE cohorts: a dynamic network analysis. **Lancet Digit Health.** 2024 Oct;6(10):e718-e728.doi: 10.1016/S2589-7500(24)00147-X.PMID: 39332855.*IF 23.8.*
4. Jakwerth CA, Weckmann M, Illi S, Charles H, Zissler UM, Oelsner M, Guerth F, Omony J, Nemani SSP, Grychtol R, Dittrich AM, Skevaki C, Foth S, Weber S, Alejandro Alcazar MA, van Koningsbruggen-Rietschel S, Brock R, Blau S, Hansen G, Bahmer T, Rabe KF, Brinkmann F, Kopp MV, Chaker AM, **Schaub B**, von Mutius E, Schmidt-Weber CB; ALLIANCE Study Group, German Center for Lung Research. 17q21 variants disturb mucosal host defense in childhood asthma. **Am J Respir Crit Care Med.** 2023. 209(8):947-959. doi: 10.1164/rccm.202305-0934OC. *IF 24.7.*
5. N. Maison, N Maison, J Omony, S Illi, D Thiele, C Skevaki, AM Dittrich, Thomas Bahmer, K F Rabe, M Weckmann, C Happle, **B Schaub**, H Renz, G Hansen, M Volkmar Kopp, E v Mutius, R Grychtol, and the ALLIANCE Study Group. T2-high asthma phenotypes across life span. **Eur Respir J.** 2022 Feb 24:2102288. doi: 10.1183/13993003.02288-2021. PMID: 35210326. *IF:33.8*

6. Illi S, Depner M, Pfefferle PI, Renz H, Roduit C, Taft DH, Kalanetra KM, Mills DA, Farquharson FM, Louis P, Schmausser-Hechfellner E, Divaret-Chauveau A, Lauener R, Karvonen AM, Pekkanen J, Kirjavainen PV, Roponen M, Riedler J, Kabesch M, **Schaub B**, von Mutius E; PASTURE Study Group. Immune Responsiveness to LPS Determines Risk of Childhood Wheeze and Asthma in 17q21 Risk Allele Carriers. **Am J Respir Crit Care Med.** 2022 Mar 15;205(6):641-650. doi: 10.1164/rccm.202106-1458OC. PMID: 34919021. *IF: 17.45*
7. J. Krusche, M. Twardziok, K. Rehbach, A. Böck, M. Tsang, P.C. Schröder, Y Xing, J. Riedler, JC Dalphin, J. Pekkanen, R. Lauener, M. Roponen, J. Li, C.K. Wong, G. Wong, **B. Schaub** and the PASTURE study group. TNFAIP3 Expression is Dependent on Environmental Exposure and a Key Player in Childhood Asthma Development. **J Allergy Clin Immunol.** 2019 Aug2.pii:S0091-6749(19)30978-9.doi:10.1016/j.jaci.2019.07.029.PMID:31381928. *IF: 14.11*
8. PV Kirjavainen, AM Karvonen, RI Adams, M Täubel, M Roponen, P Tuoresmäki, G Loss, B Jayaprakash, M Depner, MJ Ege, H Renz, PI Pfefferle, **B Schaub**, R Lauener, A Hyvärinen, R Knight, DJJ Heederik, E von Mutius and J Pekkanen. Farm-like indoor microbiota in non-farm homes protects children from asthma development. **Nature Med** 2019; 25(7):1089–95. Doi: 10.1038/s41591-019-0469-4. PMID: 31209334 *IF: 32.621*
9. C Roduit, R Frei, M Depner, AM Karvonen, H Renz, C Braun-Fahrländer, E Schmausser-Hechfellner, J Pekkanen, J Riedler, JC Dalphin, E von Mutius, R Lauener, the PASTURE study group, Hyvärinen A, Kirjavainen P, Remes S, Roponen M, Dalphin ML, Kaulek V, Ege M, Genuneit J, Illi S, Kabesch M, **Schaub B**, Pfefferle PI, Doekes G.. Phenotypes of atopic dermatitis depending on timing of onset and progression in childhood. **JAMA Pediatr.** 2017. Jul 1;171(7):655-662. doi: 10.1001/jamapediatrics.2017.0556. PMID: 28531273. *IF: 37.7.*
10. L Campos Carrascosa, M Klein, Y Kitagawa, C Lückel, F Marini, A König, A Guralnik, H Raifer, S Hagner-Benes, D Rädler, A Böck, C Kang, M Lohoff, H Garn, **B Schaub**, F Berberich-Siebelt, S Sakaguchi, T Bopp and M Huber. Reciprocal regulation of the I19 locus by counteracting activities of transcription factors IRF1 and IRF4. **Nat Commun.** 2017 May 12; 8:15366. doi: 10.1038/ncomms15366. PMID: 28497800 *IF 27.36.*