

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 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, Pulmonolgy, Gastroenterology, Nephrology, Inborn Errors of Metabolism, Neonatal Intensive Care Medicine, Neonatology, Haematology and Oncology
1998 Licence Emergency Medicine

Awards and Honors

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: Copenhagen
2000	Grant at Annual Meeting of South German Society of Pediatrics

Citation Record

Total citations: 5989; h-index: 40 (Google Scholar Oct 6th, 2022)

Top-10 selected Publications

1. H Raifer*, AR Schulz*, J Theodorou*, AJ Romero-Olmedo, A Böck, WBertrams, BT Schmeck, HR Chung, M Lohoff, H Chang, **B Schaub**#, H. Mei#, M Huber#. Mass cytometry-based identification of a unique T-cell signature in childhood allergic asthma. *Allergy*. 2022 Jan;77(1):313-316. doi: 10.1111/all.15110. Epub 2021 Oct 4. PMID: 34564874. *IF: 14.71*
2. 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. Online ahead of print. PMID: 35210326. *IF:33.8*
3. Illi S, Depner M, Pfeifferle 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*
4. Yang Z, Chen Z, Lin X, Yao S, Xian M, Ning X, Fu W, Jiang M, Li N, Xiao X, Feng M, Lian Z, Yang W, Ren X, Zheng Z, Zhao J, Wei N, Lu W, Roponen M, **Schaub B**, Wong GWK, Su Z, Wang C, Li J. Rural environment reduces allergic inflammation by modulating the gut microbiota. *Gut Microbes*. 2022 Jan-Dec;14(1):2125733. doi: 10.1080/19490976.2022.2125733. PMID: 36193874. *IF: 10.8*.
5. 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*
6. PV Kirjavainen, AM Karvonen, RI Adams, M Täubel, M Roponen, P Tuoresmäki, G Loss, B Jayaprakash, M Depner, MJ Ege, H Renz, PI Pfeifferle, **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. *Nat Med* 2019; 25(7):1089–95. Doi: 10.1038/s41591-019-0469-4. PMID: 31209334 *IF: 32.621*
7. C Roduit, R Frei, M Depner, AM Karvonen, H Renz, C Braun-Fahländer, 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**, Pfeifferle 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*.
8. 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.

9. D Raedler, N Ballenberger, E Klucker, ...**B Schaub**. Identification of novel immune phenotypes for allergic and non-allergic childhood asthma. *J Allergy Clin Immunol.* 2015 Jan;135(1):81-91. doi: 10.1016/j.jaci.2014.07.046. PMID: 25226851. *IF*: 12.047.
10. A. Lluís, M. Depner, B. Gaugler, ...**B. Schaub**, PASTURE study group. Increased T regulatory cells are associated with farm milk exposure and lower atopic sensitization and asthma in childhood. *J Allergy Clin Immunol.* 2014 Feb;133(2):551-9. doi:10.1016/j.jaci. 2013.06. 034. PMID: 23993223. *IF*: 12.047