

# Curriculum vitae

## Dr. Marie Standl

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## Current positions

05/2019 - **Ad interim head of research group** “Lung Epidemiology” at the Institute of Epidemiology, Helmholtz Munich, Neuherberg

01/2018 - **Head of research group** “Allergic Disease Epidemiology” at the Institute of Epidemiology, Helmholtz Munich, Neuherberg

The working groups currently comprise four doctoral students, two medical doctoral students, four postdocs, five student workers, one study doctor, two data managers and one technical assistant.

## Previous positions

07/2013 – 12/2017    **Postdoctoral Researcher** at the Institute of Epidemiology I, Helmholtz Zentrum München, Neuherberg.

06/2012 – 07/2013    **Research Fellow** at the Chair of Epidemiology, Institute of Medical Informatics, Biometry and Epidemiology, Ludwig-Maximilians-University Munich.

08/2009 – 06/2012    **PhD student** at the Institute of Epidemiology I, Helmholtz Zentrum München, Neuherberg.

## Education

08/2009 – 07/2013    **Doctoral degree in Human Biology** at the Medical Faculty, Ludwig-Maximilians-University Munich, Munich, Germany and the Institute of Epidemiology I, Helmholtz Zentrum München, Neuherberg, Germany (PhD supervisor: Prof. Dr. Berthold Koletzko, Dr. von Hauner Children’s Hospital, Ludwig-Maximilians-Universität Munich)

08 July 2013            **Dissertation:** “*FADS* gene variants, diet and atopic phenotypes and lipids in children”, grade: magna cum laude

10/2003 – 02/2009    **Study of Statistics** at the Department of Statistics, Ludwig-Maximilians- University Munich, Munich, Germany. Degree: Diplom-Statistikerin Univ., average grade: 1.7

## Publications

Selection of 10 publications out of 203 peer-reviewed publications (186 original articles, 13 reviews, 2 book chapters, 2 invited commentaries), h-Index (web of science): 50

**Standl, M.**, Budu-Aggrey, A., Johnston, L.J., et al. Gene-environment interaction affects risk of atopic eczema: Population and in vitro studies. *Allergy*, DOI: 10.1111/all.16605 (2025) IF: 12.000

Kalb, B., [...], **Standl, M.**, [...], Deschildre, A.. Trajectories of allergic diseases in children: Destination unknown? *Pediatr. Allergy Immunol.* 36:e70131 (2025) IF: 4.500

Leskien, M., Thiering, E., Yu, Z., [...], **Standl M.** Childhood asthma and allergy are related to accelerated epigenetic aging. *Allergy*, DOI: 10.1111/all.16583 (2025) IF: 12.000

Hernandez-Pacheco, N., Kilanowski, A., Kumar, A., [...], **Standl M\***, Melén, E\*. Exploring the genetics of airflow limitation in lung function across the lifespan – a polygenic risk score study. *EClinicalMedicine* 75:102731 (2024) IF: 9.600 \*shared last author

Budu-Aggrey A, Kilanowski A, Sobczyk MK, [...], **Standl M\***, Paternoster L\*. European and multi-ancestry genome-wide association meta-analysis of atopic dermatitis highlights importance of systemic immune regulation. *Nat Commun.* 2023 Oct 4;14(1):6172. doi: 10.1038/s41467-023-41180-2 IF: 16.600 \*shared last author

Kilanowski A, Thiering E, Wang G, [...], **Standl M.** Allergic disease trajectories up to adolescence: Characteristics, early-life, and genetic determinants. *Allergy.* 2023 Mar;78(3):836-850. doi: 10.1111/all.15511. IF: 12.400

Kilanowski A, Chen J, Everson T, [...], **Standl M\***, Hüls A\*. Methylation risk scores for childhood aeroallergen sensitization: Results from the LISA birth cohort. *Allergy.* 2022 Sep;77(9):2803-2817. doi: 10.1111/all.15315. IF: 14.710 \*shared last author

Gappa M, Filipiak-Pitroff B, Libuda L, [...], **Standl M.** Long-term effects of hydrolyzed formulae on atopic diseases in the GINI study. *Allergy.* 2021 Jun;76(6):1903-1907. doi: 10.1111/all.14709. IF: 13.146

Waage J\*, **Standl M\***, Curtin JA, et al. Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. *Nat Genet.* 2018 Aug;50(8):1072-1080. doi: 10.1038/s41588-018-0157-1. Erratum in: *Nat Genet.* 2018 Sep;50(9):1343. \* shared first author

Kreiner E, Waage J, **Standl M,** et al. Shared genetic variants suggest common pathways in allergy and autoimmune diseases. *J Allergy Clin Immunol.* 2017 Sep;140(3):771-781. doi: 10.1016/j.jaci.2016.10.055. IF: 13.081

## Academic engagement and selected functions

- **Principal Investigator** of the GINIplus and LISA birth cohort studies (since 2016)
- **Principal Investigator** of the German Center for German and Adolescent Health (DZKJ, since 2021), German Center for Lung Research (DZL, since 2020) and PI representative in ERS CRC CADSET (Chronic Airway DiSeases Early sTratification, since 2022)
- **Editorial board membership:** Associate Editor at *Annals of Nutrition and Metabolism* (since 2018) and Statistical Editor at *British Journal of Nutrition* (2016-2019)
- **Member of the Scientific Advisory Board** of the allergy information service (allergieinformationsdienst.de, since 2018), HELICAP project (helicap.org, since 2020) and ECOLOPES project (ecolopes.org, 2021-2025)
- **Peer review activities** for scientific journals (e.g. *Lancet Respiratory Medicine*, *European Respiratory Journal*, *Nature Communications*, *Journal of Allergy and Clinical Immunology*, *Allergy*, *British Journal of Dermatology*, *Thorax*), doctoral and master's theses, evaluation of grant proposals and abstracts for international conferences

## Fellowships and Awards

2016-2018 Postdoctoral Fellowship Program of Helmholtz Zentrum München

2014 Graduate Students' Award of the Helmholtz Graduate School Environmental Health (HELENA) and the Association of Friends and Supporters of Helmholtz Zentrum München (VdFF)