

## Curriculum Vitae Wolfgang Pfützner

### Personal Data

Title	Prof. Dr. med.
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### Selection of peer-reviewed research articles:

- Greenhawt M, Sindher SB, Wang J, *et int*, **Pfützner W**, *et int*, Burks AW. Phase 3 trial of epicutaneous immunotherapy in toddlers with peanut allergy. *N Engl J Med*. 2023 May 11;388(19):1755-1766. doi: 10.1056/NEJMoa2212895.
- Strobl MR, Demir H, Sanchez Acosta G, *et int*, **Pfützner W**, Bohle B. The role of IgG<sub>1</sub> and IgG<sub>4</sub> as dominant IgE-blocking antibodies shifts during allergen immunotherapy. *J Allergy Clin Immunol*. 2023 May;151(5):1371-1378.e5. doi: 10.1016/j.jaci.2023.01.005.
- Polakova A, Hudemann C, Wiemers F, *et int*, **Pfützner W**, *et int*, Zimmer C. Isolation of lymphocytes from human skin and murine tissues: a rapid and epitope-preserving approach. *JID Innov*. 2022 Sep 7;3(1):100155. doi: 10.1016/j.xjidi.2022.100155.
- Plum M, Tjerrild L, Raiber T, *et int*, **Pfützner W**, Spillner E. Structural and functional analyses of antibodies specific for modified core N-glycans suggest a role in T<sub>H2</sub> responses. *Allergy*. 2023 Jan;78(1):121-130. doi: 10.1111/all.15417.
- Bieber T, Simpson EL, Silverberg JI, *et int*, **Pfützner W**, *et int*, Bitters JC. Abrocitinib versus placebo or dupilumab for atopic dermatitis. *N Engl J Med*. 2021 Mar 25;384(12):1101-1112. doi: 10.1056/NEJMoa2019380.
- Holstein J, Solimani F, Baum C, *et int*, **Pfützner W**, *et int*, Möbs C. Immunophenotyping in pemphigus reveals a T<sub>H17</sub>/T<sub>FH17</sub> cell-dominated immune response promoting desmoglein1/3-specific autoantibody production. *J Allergy Clin Immunol*. 2021 Jun;147(6):2358-2369. doi: 10.1016/j.jaci.2020.11.008.
- Gualtieri B, Solimani F, Hertl M, *et int*, **Pfützner W**. Interleukin 17 as a therapeutic target of acute generalized exanthematous pustulosis (AGEP). *J Allergy Clin Immunol Pract*. 2020;8:2081-2084. doi: 10.1016/j.jaip.2020.01.045.
- Rauber MM, Möbs C, Campana R, *et int*, **Pfützner W**. Allergen immunotherapy with the hypoallergenic B-cell epitope-based vaccine BM32 modifies IL-10- and IL-5-secreting T cells. *Allergy*. 2020;75:450-453. doi: 10.1111/all.13996.
- Rauber MM, Pickert J, Holiangu L, *et int*, **Pfützner W**. Omalizumab response correlates with reduced IFN- $\gamma$ -, IL-10- and IL-31-secreting cells in chronic spontaneous urticarial. *J Eur Acad Dermatol Venereol*. 2020;34:2078-2085. doi: 10.1111/jdv.16216.
- Jabs F, Plum M, Laursen NS, *et int*, **Pfützner W**, *et int*, Spillner E. Trapping IgE in a closed conformation by mimicking CD23 binding prevents and disrupts Fc $\epsilon$ RI interaction. *Nat Commun*. 2018;9:7. doi: 10.1038/s41467-017-02312-7.