

Curriculum Vitae Christoph Hudemann

Personal Data

Title	Ph.D.
First name	Christoph
Name	Hudemann
Current position	Senior postdoctoral researcher, project leader (50% permanent, 50% fixed-term until 12/31/2025)
Current institution(s)/site(s), country	Department of Dermatology and Allergology, University of Marburg (UMR), Germany
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Selection of peer-reviewed research articles:

1. Didona D., Scarsella L., **Hudemann C.**, *et int*, Hertl M. Type 2 T cell responses against an epitope of desmoglein 3 in active pemphigus vulgaris. *J Invest Dermatol.* 2024 Feb;144(2):263-272.e8. doi: 10.1016/j.jid.2023.07.025.
2. **Hudemann C.**, Hoffmann J., Schmidt E., *et int*, Eming R. T Regulatory Cell-Associated Tolerance Induction by High-Dose Immunoglobulins in an HLA-Transgenic Mouse Model of Pemphigus. *Cells.* 2023 May 8;12(9):1340. doi: 10.3390/cells12091340.
3. Schmitt T., **Hudemann C.**, Moztarzadeh S., *et int*, Waschke J. Dsg3 epitope-specific signalling in pemphigus. *Front Immunol.* 2023 Apr 18;14. doi: 10.3389/fimmu.2023.1163066.
4. Sigmund AM., Winkler M., Engelmayer S., *et int*, **Hudemann C.**, *et int*, Waschke J. Apremilast prevents blistering in human epidermis and stabilizes keratinocyte adhesion in pemphigus. *Nat Commun.* 2023 Jan 9;14(1):116. doi: 10.1038/s41467-022-35741-0.
5. Polakova A., Kauter L., Ismagambetova A., *et int*, **Hudemann C.** Detection of rare autoreactive T cell subsets in patients with pemphigus vulgaris. *Front. Immunol.* 2022 Sep 20;13:979277. doi: 10.3389/fimmu.2022.979277.
6. **Hudemann C.**, Exner Y., Pollmann R., *et int*, Eming R. IgG against the membrane-proximal portion of the desmoglein 3 ectodomain induces loss of keratinocyte adhesion, a hallmark in pemphigus vulgaris. *J Invest Dermatol.* 2022 Feb;143(2):254-263.e3. doi: 10.1016/j.jid.2022.07.030.
7. **Hudemann C.**, Llamazares M., Maglie R., *et int*, Eming R. Human desmocollin 3-specific IgG antibodies are pathogenic in a humanized HLA-class II transgenic mouse model of pemphigus. *J Invest Dermatol.* 2022 Mar;142(3 Pt B):915-923.e3. doi: 10.1016/j.jid.2021.06.017.
8. Sliwiak P., Folwarczny E., Didona D., *et int*, **Hudemann C.** Redox enzymes of the thioredoxin family as potential and novel markers in pemphigus. *Oxid Med Cell Longev*, vol. 2021, Apr 1; 2021. doi: 10.1155/2021/6672693.
9. Hanschmann E.M., Hartmann M., Hecker C., *et int*, **Hudemann C.** Glutaredoxin 2 reduces Inflammation in an acute asthma mouse model. *Front Immunol.* 2020 Nov 3;11: doi: 10.3389/fimmu.2020.561724.
10. Skevaki C., **Hudemann C.**, Matrosovich M., *et int*, Renz H. Influenza-derived peptides cross-react with allergens and provide asthma protection. *J Allergy Clin Immunol.* 2018 Sep;142(3):804-814. doi: 10.1016/j.jaci.2017.07.056.