

Curriculum Vitae Tobias Schwerd

Personal Data

Title	PD Dr. med.
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Current position	Attending physician (Oberarzt) and Head of Department of Paediatric Gastroenterology, Hepatology & Nutrition (fixed-term until 12/31/2029)
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Selection of peer-reviewed research articles:

1. Hoelz H, Faro T, Frank ML, *et int*, **Schwerd T**. Persistent desmoglein-1 downregulation and periostin accumulation in histologic remission of eosinophilic esophagitis *J Allergy Clin Immunol*. 2025 Feb;155(2):505-519. doi: 10.1016/j.jaci.2024.09.016.
2. Häcker D, Siebert K, Smith BJ, *et int*, **Schwerd T**, Haller D. Exclusive enteral nutrition initiates individual protective microbiome changes to induce remission in pediatric Crohn's disease *Cell Host Microbe* 2024 Nov 13;32(11):2019-2034.e8. doi: 10.1016/j.chom.2024.10.001.
3. Brückner A, Werkstetter KJ, Frivolt K, *et int*, **Schwerd T**. Partial enteral nutrition has no benefit on bone health but improves growth in paediatric patients with quiescent or mild Crohn's disease *Clin Nutr*. 2020 Dec;39(12):3786-3796. doi: 10.1016/j.clnu.2020.04.012.
4. Serra EG, **Schwerd T**, Moutsianas L, *et int*, Anderson CA. Somatic mosaicism and common genetic variation contribute to the risk of very-early-onset inflammatory bowel disease *Nat Commun*. 2020 Feb 21;11(1):995. doi: 10.1038/s41467-019-14275-y.
5. **Schwerd T**, Krause F, Twigg SRF, *et int*, Uhlig HH. A variant in IL6ST with a selective IL-11 signaling defect in human and mouse *Bone Res*. 2020 Jun 11;8:24. doi: 10.1038/s41413-020-0098-z.
6. **Schwerd T**, Bryant RV, Pandey S, *et int*, Uhlig HH. NOX1 loss-of-function genetic variants in patients with inflammatory bowel disease *Mucosal Immunol*. 2018 Mar;11(2):562-574. doi: 10.1038/mi.2017.74.
7. **Schwerd T**, Twigg SRF, Aschenbrenner D, *et int*, Uhlig HH. A biallelic mutation in IL6ST encoding the GP130 co-receptor causes immunodeficiency and craniosynostosis *J Exp Med*. 2017 Sep 4;214(9):2547-2562. doi: 10.1084/jem.20161810.
8. **Schwerd T**, Pandey S, Yang HT, *et int*, Uhlig HH. Impaired antibacterial autophagy links granulomatous intestinal inflammation in Niemann-Pick disease type C1 and XIAP deficiency with NOD2 variants in Crohn's disease *Gut* 2017 Jun;66(6):1060-1073. doi: 10.1136/gutjnl-2015-310382.
9. **Schwerd T**, Frivolt K, Clavel T, *et int*, Bufler P. Exclusive enteral nutrition in active pediatric Crohn disease: Effects on intestinal microbiota and immune regulation *J Allergy Clin Immunol*. 2016 Aug;138(2):592-6. doi: 10.1016/j.jaci.2015.12.1331.
10. Uhlig HH, **Schwerd T**, Koletzko S, *et int*, Muise AM; COLORS in IBD Study Group and NEOPICS. The diagnostic approach to monogenic very early onset inflammatory bowel disease *Gastroenterology* 2014 Nov;147(5):990-1007.e3.doi:10.1053/j.gastro.2014.07.023.