

# Publications

May L, Chu CF, Zielinski CE (2024) Single-cell RNA sequencing reveals HIF1A as a severity-sensitive immunological scar in circulating monocytes of convalescent comorbidity-free COVID-19 patients. *Cells* 13(4), 300.

Musiol S, Harris CP, Gschwendtner S, Burrell A, Amar Y, Schnautz B, Renisch D, Braun SC, Haak S, Schlöter M, Schmidt-Weber CB, Zielinski CE, Alessandrini F (2024) The impact of high salt diet on asthma in humans and mice: effect on specific T-cell signatures and microbiome. *Allergy* 79(7), 1844-1857.

Soll D\*, Chu CF\*, Sun S\*, Lutz V, Arunkumar M, Gachechiladze M, Schäuble S, Alissa-Alkhalaf M, Nguyen T, Khalil MA, Garcia-Ribelles I, Mueller M, Buder K, Michalke B, Panagiotou G, Ziegler-Martin K, Benz P, Schatzlmaier P, Hiller K, Stockinger H, Luu M, Schober K, Moosmann C, Schamel WW, Huber M, Zielinski CE# (2024) Sodium chloride in the tumor microenvironment enhances T cell metabolic fitness and cytotoxicity. *Nat Immunol* 25(10), 1830-1844.

Chao YY, Puhach A, Frieser D, Arunkumar M, Lehner L, Seeholzer T, Garcia-Lopez A, van der Wal M, Fibi-Smetana S, Dietschmann A, Sommermann T, Ćiković T, Taher L, Gresnigt MS, Vastert SJ, van Wijk F, Panagiotou G, Krappmann D, Groß O, Zielinski CE (2023) Human TH17 cells engage gasdermin E pores to release IL-1 $\alpha$  on NLRP3 inflammasome activation. *Nat Immunol* 24(2), 295-308.

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Zielinski CE (2023) T helper cell subsets: diversification of the field. *Eur J Immunol* 53(12), e2250218. (Review)

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Sary G, Fabri M, Gebhardt C, Eming R, Matthias J, Vorobyev A, Effern M, Strobl J, Günther C, Zielinski C, Dudziak D, Géraud C, Raker V, Butze M, Zhao F, Wang Y, Gerloff D, Bertschi NL, Gaffal E, Buhl T (2022) Meeting Report: 47th Annual Meeting of the "Arbeitsgemeinschaft Dermatologische Forschung". *Exp Dermatol* 31(10), 1641-1651. (Review)

Yin H, Karayel O, Chao YY, Seeholzer T, Hamp I, Plettenburg O, Gehring T, Zielinski C, Mann M, Krappmann D (2022) A20 and ABIN-1 cooperate in balancing CBM complex-triggered NF- $\kappa$ B signaling in activated T cells. *Cell Mol Life Sci* 79(2), 112.

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Zielinski CE (2021) Regulation of T cell responses by ionic salt signals. *Cells* 10(9), 2365. (Review)

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