

# 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.

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.

de Almeida GP, Lichtner P, Eckstein G, Brinkschmidt T, Chu CF, Sun S, Reinhard J, Mädler SC, Kloepfel M, Verbeek M, Zielinski CE (2022) Human skin-resident host T cells can persist long term after allogeneic stem cell transplantation and maintain recirculation potential. *Sci Immunol* 7(67), eabe2634.

Chu CF, Sabath F, Fibi-Smetana S, Sun S, Öllinger R, Noeßner E, Chao YY, Rinke L, Winheim E, Rad R, Krug AB, Taher L, Zielinski CE (2021) Convalescent COVID-19 patients without comorbidities display similar immunophenotypes over time despite divergent disease severities. *Front Immunol* 12, 601080.

\*equal contribution #corresponding author