

Supplementary Material

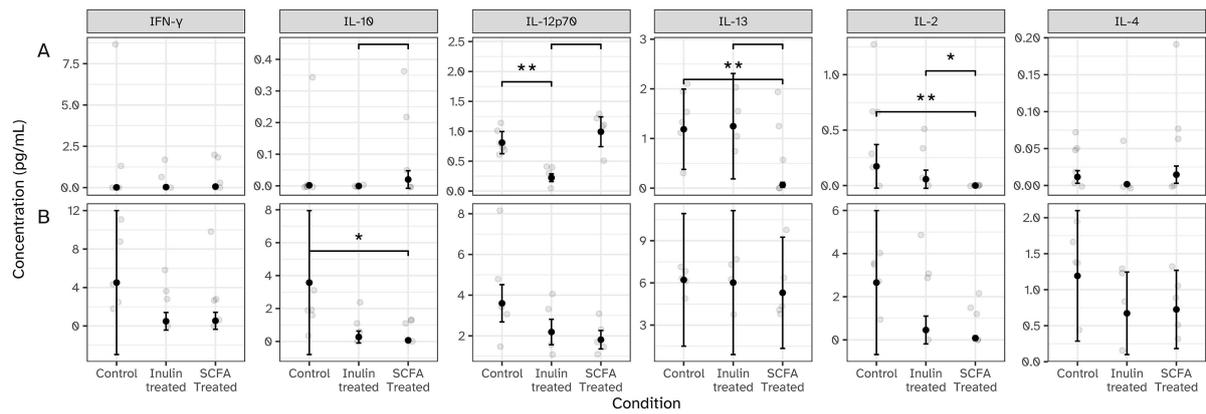
A host-microbial metabolite interaction gut-on-a-chip model of the adult human intestine demonstrates beneficial effects upon inulin treatment of gut microbiome

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Supplementary Figure 1. Cytokine release by human colon tissue explants (donor 3) in the IEBEC exposed to i-screen supernatant (untreated control, inulin-treated, and untreated control with added SCFA) for 24 h ($n = 5-6$). (A) Secretion of IFN- γ , IL-10, IL-12p70, IL-13, IL-2, and IL-4 into the apical compartment; (B) Secretion of IFN- γ , IL-10, IL-12p70, IL-13, IL-2, and IL-4 into the basolateral compartment. Black error bars with point represent estimated marginal means with standard errors, obtained from linear mixed-effects models. $*P < 0.05$; $**P < 0.01$.