



Supplemental figure 1: Cytokine production by B cells of healthy volunteers with ibrutinib treatment (n=4)

B cells of healthy volunteers were stimulated with CpG for 24h and treated with DMSO (Control) or ibrutinib (10 μ M). With a Legendplex assay, cytokine levels of IL-6, TNF- α , IFN- γ and IL-10 were determined in the culture supernatant. Bars represent mean. Error bars indicate SEM. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.