Figure S1. Measuring NETosis and phagocytosis in μBAT. A) Image showing the diffuse nuclear staining used to identify a neutrophil that has undergone NETosis. The percentage of cells that underwent NETosis after PMA treatment is quantified. $p = {<}0.05$. B)Representative image of cells that have phagocytosed pHrodo E.coli particles. Quantification of phagocytosis from 5 different donors. Each donor was tested in duplicate experiments.

Supplementary Table 1. Primers used for RT-PCR studies.

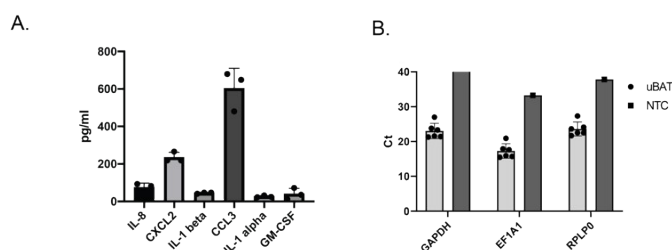| Primer	Catalog number
GAPDH	Hs02786624_g1
EF1A1	HS01591985-g1
RPLP0	Hs00420895_g1
CD45	HS04189204-m1
IL8	HS0017463-m1
IL6	HS00174131-m1
HGF	HS00300159_m1
IL1B	MM00434228-m1
CXCL11	HS04187682-g1

Figure S2. Gene expression and cytokine analysis in μBAT. A) Quantification of cytokines from supernatant removed from μBAT channels B) Gene expression analysis showing expression of housekeeping genes in μBAT compared to no template control (NTC)