



Supplementary Fig. S1. Establishment of the nHL60 Neutrophil-Like Cell Model. HL60 cells were cultured with 1.3% DMSO and incubated with 1 mg/mL NBT at 37°C, with or without 500 nM PMA. Formazan formation was assessed through (A) optical microscopy to visualize formazan deposits, followed by (B) solubilization of formazan and absorbance measurement at 620 nm. Data represent mean \pm SD from 2 independent experiments ($n=2$), each performed in technical duplicate. (C) Differentiated HL60 cells (nHL60) and isolated neutrophils (PMNs) were stimulated with LPS. RNA was extracted, and relative gene expression was determined via RT-PCR. Data represent mean \pm SD from 2 independent experiments ($n=2$), each performed in technical duplicate.