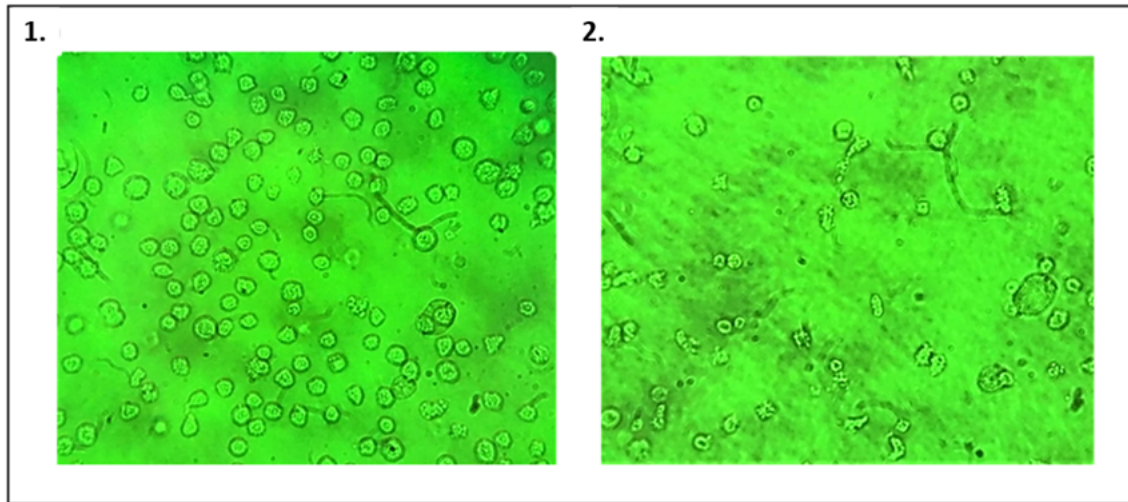
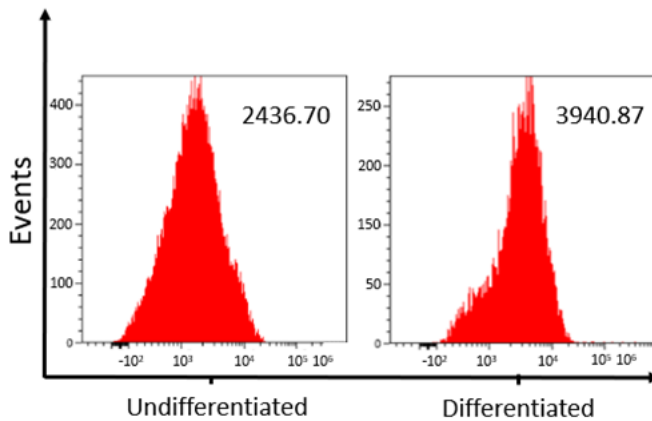


**SUPPLEMENTARY FIGURE 1**

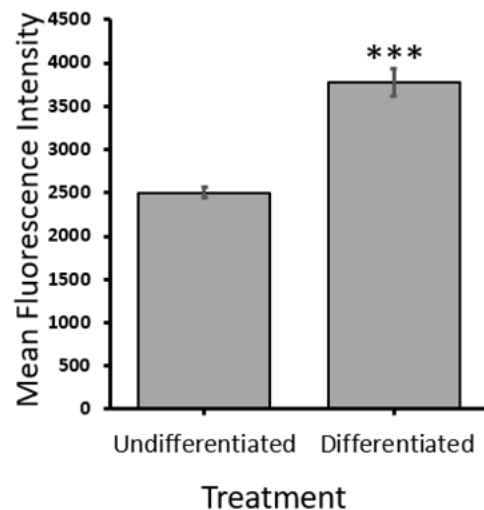
**(A)**



**(B)**



**(C)**



**Supplementary Figure 1.** Confirmation of differentiation using morphology (A) and flow cytometry (B-C). HL-60 cells were induced to differentiate into neutrophil-like cells over 9 days using 1.25% DMSO in growth medium. Undifferentiated cells were grown without DMSO and split every 2-3 days. Cells ( $1 \times 10^6$ ) were stained with 0.1  $\mu\text{g}/\text{mL}$  Alexa Fluor 488 fluorochrome-conjugated primary antibodies against CD11b. (A): Microscopic view (40X) of HL-60 cells before (1) and 9 days after (2) DMSO incubation. (B) Histograms of one representative experiment showing CD11b expression (MFI) in undifferentiated and differentiated cells (C) Data are expressed as the MFI  $\pm$  SD (n=3) (p<0.001).