

SUPPLEMENTARY MATERIAL

TITLE: Neutrophil expression of T and B immunomodulatory molecules in HIV infection

SHORT TITLE: Neutrophils in HIV infection

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Supplementary figures

FIGURE LEGENDS

Supplementary FIGURE 1. **Gating strategy.** Gating strategy of polymorphonuclear neutrophils (PMN) based on (A) forward (FSC-H) and side (SSC-H) scatter, the gate is the PMN. A dot plot was made and CD15+ (FL3) and CD14- (FL4) cells were selected without (B) and with antibodies (C). Then, PMNs were characterized by anti-CD16 (FL1). They have been shown without and with antibody in (D) and (E) graphs. An overlay was made to visualize both populations (F).

Supplementary FIGURE 2. **Representative figure of polymorphonuclear (PMN) expression of IL-6 and T cell-modulating markers in a healthy individual and HIV infected patient.** PMNs were gated based on forward (FSC-H) and side (SSC-H) scatter for determination of granulocyte populations. In this gate, CD15+CD16+ cells were selected. (A) Anti-human IL-6 phycoerythrin conjugated (PE). (B) Anti-human arginase-1 fluorescent isocyanate conjugated (FITC). (C) Anti-human PDL-1 PE conjugated. (D) Anti-human IL-10 PE conjugated.

Supplementary FIGURE 3. **Representative figure of polymorphonuclear (PMN) expression of B cell-modulating markers in a healthy individual and HIV patient.** PMNs were gated based on forward (FSC-H) and side (SSC-H) scatter for determination of granulocyte populations. In this gate, CD15+CD16+ cells were selected. Markers are plotted on the X-axis of the histogram. (A) Anti-human BAFF phycoerythrin conjugated (PE). (B) Anti-human APRIL phycoerythrin conjugated (PE) conjugated.