



SUPPLEMENTARY FIG. S1. Nitric oxide production by cells treated with proinflammatory cytokines, measured as nitrite accumulation within the culture medium. Cells were treated with interleukin-1 β (IL-1 β), tumor necrosis factor- α (TNF- α), and interferon- γ (IFN- γ) for 72 h at day 0 (**A**), day 7 (**B**), day 14 (**C**), or day 21 (**D**) of osteogenic culture. Nitrite concentration corrected for DNA content of producing cells measured by Hoechst assay. Values shown as mean \pm SEM for three separate experiments each with $n=6$. *Statistical significance of primary osteoblast versus osteogenic differentiation of mouse embryonic stem cells (osteo-mESC) ($P \leq 0.01$) #Statistical significance versus control of same cell type ($P \leq 0.01$).