Nitrite-mediated reduction of macrophage NADPH oxidase activity is dependent on xanthine oxidoreductase-derived nitric oxide but independent of S-nitrosation

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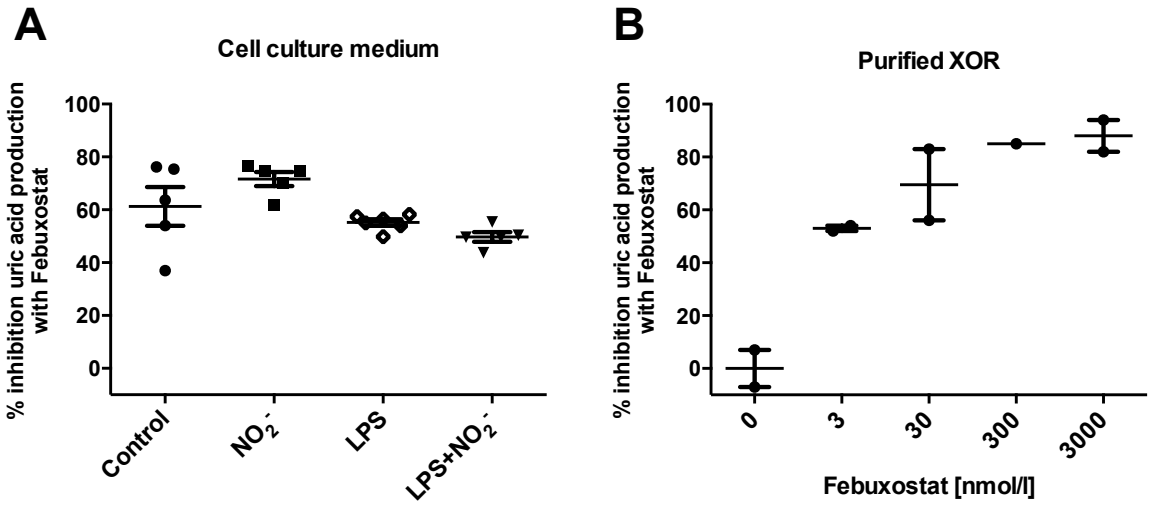

Supplemental Figure 1: Uric acid produced by XOR is blocked by febuxostat. Culture medium of febuxostat treated macrophages showed 50-70 % inhibition of uric acid production (vs. no febuxostat) (A). Using purified XOR enzyme, febuxostat reduced uric acid production dose-dependently and % inhibition was similar to that observed in cells when using the same concentration of 30 nmol/l (B).