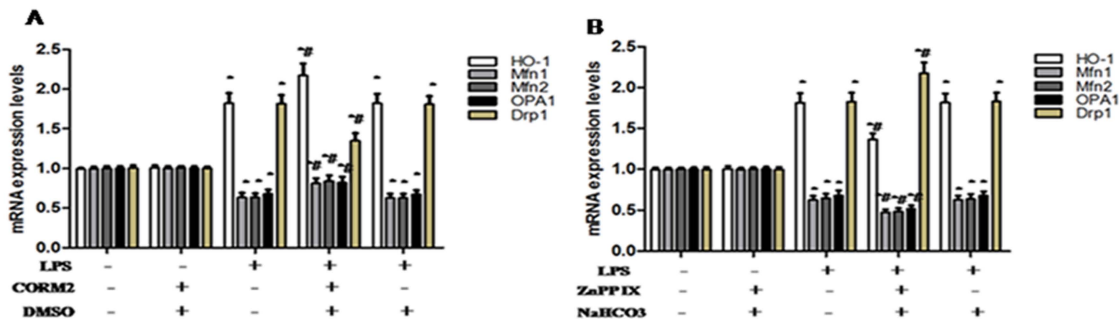


Supplementary Digital Content 2



Effects of CORM2 and ZnPP alone on mRNA levels of HO-1 and mitochondrial fusion/fission markers in RAW264.7 cells elicited by LPS. Pretreatment with CORM2 markedly attenuated LPS-induced higher mRNA levels of Drp1, and lower mRNA levels of Mfn1, Mfn2 and OPA1 in macrophages, in line with upregulation of HO-1. Conversely, above mRNA levels of fusion markers (Mfn1, Mfn2 and OPA1) were further restrained, while Drp1 mRNA was accelerated in cells pre-incubated with ZnPP via HO-1 downregulation. Of note, CORM2 or ZnPP alone seemed to have no effects on the mRNA levels of HO-1 and above mitochondrial dynamic markers. Values were expressed as the mean \pm SD of five independent experiments using one-way ANOVA and the Bonferroni test for multiple comparisons. *Significant difference from control cells ($P < 0.05$). # Significant difference from LPS-exposed cells ($P < 0.05$).