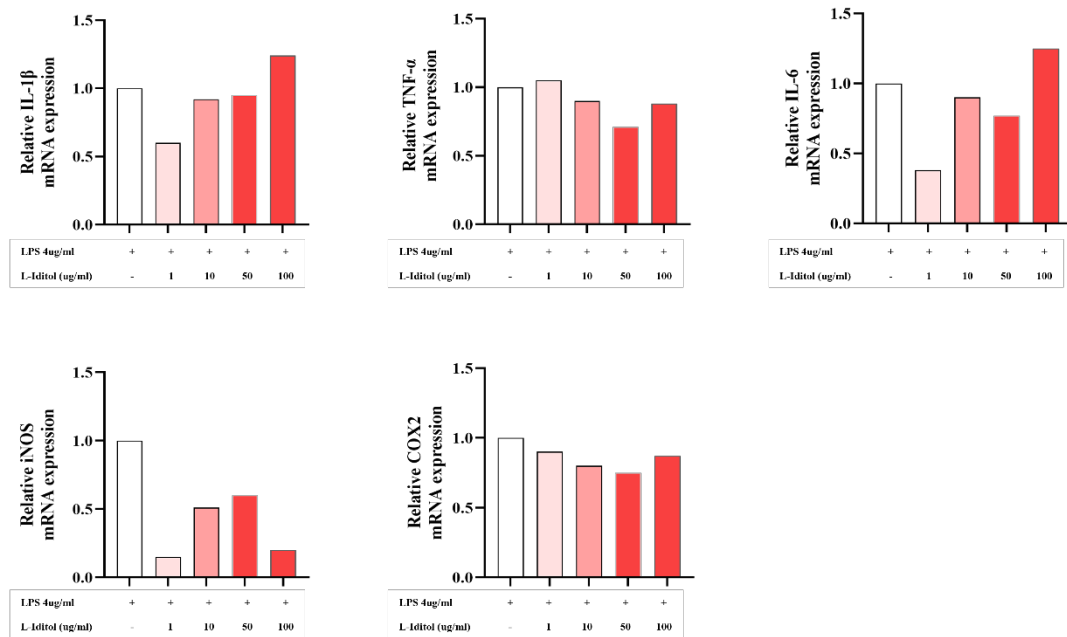
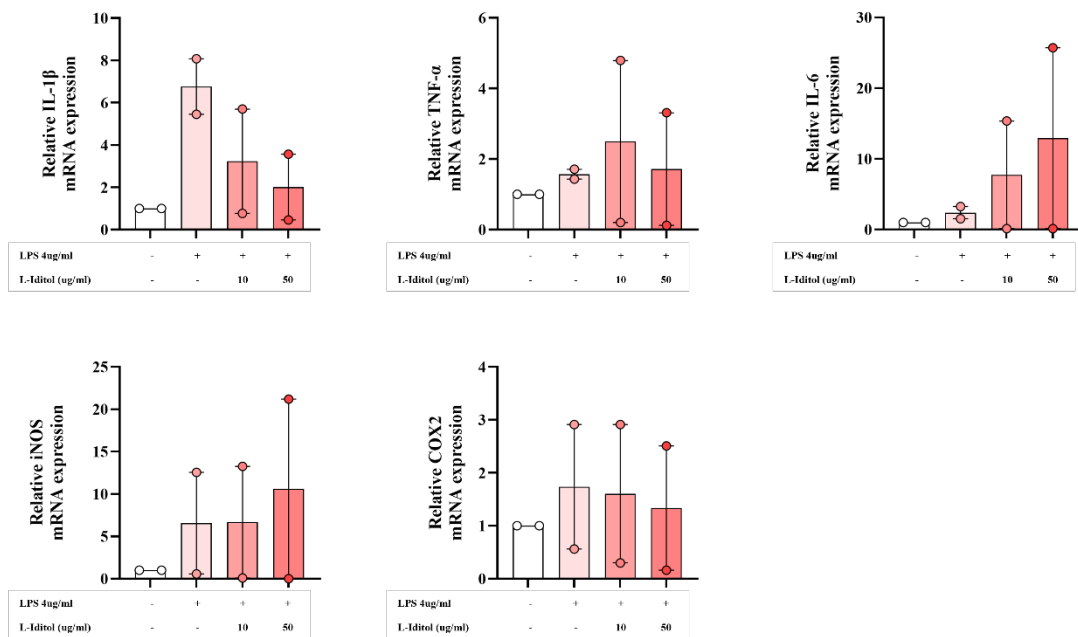


A



B



Supplementary Fig. S2. Preliminary screening for determining concentrations of L-Iditol. (A) RAW 264.7 cells were treated with LPS (4 μg/ml) and increasing concentrations of L-Iditol (1, 10, 50, and 100 μg/ml), and inflammatory cytokine expression levels were measured to evaluate dose-dependent anti-inflammatory effects. (B) Among the tested concentrations, those that did not affect cell viability and exhibited anti-inflammatory effects were further evaluated. RAW 264.7 cells were treated with LPS (4 μg/ml) and L-Iditol (10 and 50 μg/ml), and cytokine expression levels were measured. Based on these results, a single optimal concentration was selected for subsequent experiments. Data are presented as mean±SD ($n=2$). Statistical analysis

was performed using the Kruskal-Wallis test followed by Dunn's multiple comparisons test. IL, interleukin; TNF, tumor necrosis factor; iNOS, inducible nitric oxide synthase; COX, cyclooxygenase.