

S8 Fig.  $MES_{5500}$  treatment in mice does not ameliorate *ex vivo* PMA/Io-induced overexpression of inflammatory cytokines in primary splenocytes.

(A-E) BALB/c mice were treated with MES<sub>5500</sub> for 30 min. Then mice were euthanized and spleen was collected for splenocyte isolation. Splenocytes were treated with PMA/Io for 3 hr at 37 °C. (A) Schematic diagram of the experimental plan. (B-E) Total RNA was extracted and subjected to quantitative RT-PCR to detect the indicated genes. Data were normalized to the level of 18s mRNA (internal control). Data are presented as mean  $\pm$  S.D. (n=3 per group). \*P < 0.05, \*\*P < 0.01 assessed by Tukey-Kramer test. The data shown are representative of 2 or more independent experiments.