

**SUPPLEMENTARY FIG. S5.** Potential NF-kB regulatory feedback mechanism in HMSCs on the expression and secretion of IL1 $\beta$  and IL6. Effects of neutralizing of IL1 $\beta$ , IL6, and NF-kB blocking (PTDC) on the mRNA expression level of IL1 $\beta$  (**A**) and IL6 (**B**). Effects of NF-kB blocking (PTDC) on the secretion of IL1 $\beta$  (**C**) and IL6 (**D**) in culture medium.