

# **Prednisolone induces apoptosis in corneal epithelial cells through the intrinsic pathway.**

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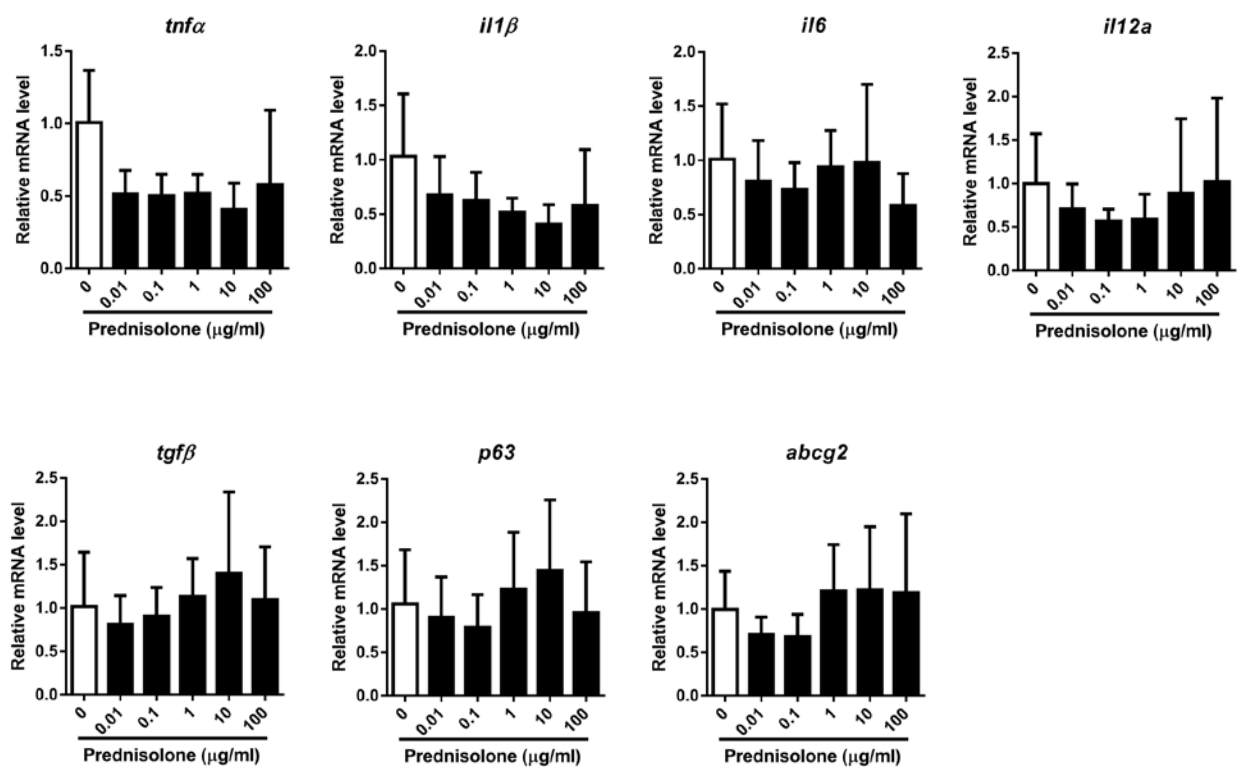
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**Supplementary Figure 1. Effect of prednisolone on inflammatory cytokine expression in hCECs at steady state.** Real-time RT PCR analysis for inflammatory cytokines (TNF- $\alpha$ , IL-1 $\beta$ , IL-6, IL-12A, and TGF- $\beta$ 1) and epithelial stem cell-specific markers (P63 and ABCG2) in hCECs treated with various concentrations of prednisolone. Data are presented as mean + SD from five independent experiments.



**Supplementary Figure 2. Effect of prednisolone on epithelial stem cell-specific markers in hCECs stimulated with hyperosmolarity.** Real-time RT PCR analysis for epithelial stem cell-specific markers (P63 and ABCG2) in hCECs treated by 100 mM NaCl in the presence or absence of prednisolone (10  $\mu$ g/ml) for 3 days. Data are presented as mean + SD from five independent experiments. \*\*  $p < 0.01$ .

