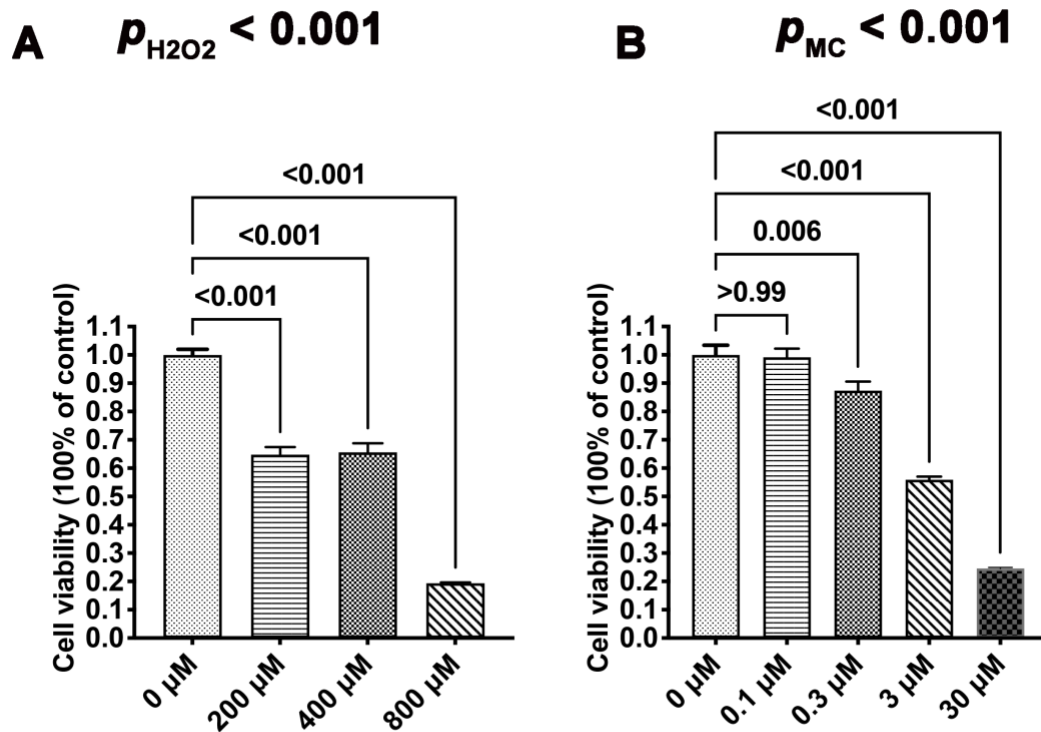


## Supplementary Figure



**Supplementary Figure S1.** The dosages of the stimuli. Various concentrations of  $\text{H}_2\text{O}_2$  (A) and MC (B) were added in the culture medium and co-incubated with the BMSCs for 24 h, and the cell viability was decided by CCK8 assay. The data of cell viability assay were presented as  $\text{MEAN} \pm \text{standard error (SEM)}$ . A one-way ANOVA analysis was employed to determine the damage effect of  $\text{H}_2\text{O}_2$  and MC. The Dunnett test was used to partition differences of each stimulus-treated group with the control (0  $\mu\text{M}$ ).