



**Supplementary Figure S1.** The effect of nicotine on PDLSC proliferation. On the first day, nicotine had no effects on PDLSC proliferation. However, three different concentrations of nicotine significantly inhibited PDLSC proliferation at days 2–5. Data represent the mean  $\pm$  SD. \* Indicates a statistically significant difference with respect to other groups on the same day. The experiments were repeated three times. PDLSCs, periodontal ligament stem cells.