Supplementary file 1

Lactiplantibacillus plantarum exerts anticancer effects and increase the chemosensitivity of 5-fluorouracil against oral cancer cells *in vitro*

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S1: Effect of *Streptococcus mutans* (negative control) on Cal27 cells

The effect of *S. mutans* ATCC 25175 on Cal27 cell viability was assessed by MTT, trypan blue dye exclusion and live-dead assays. *S. mutans* (MOI 10 and MOI 100) treatment did not show any significant changes in the cell viability ($p>0.05$) (Fig. S1a and b). Also, the live-dead staining did not show apoptosis in the Cal27 cells treated with *S. mutans* (MOI 100) (Fig S1c)

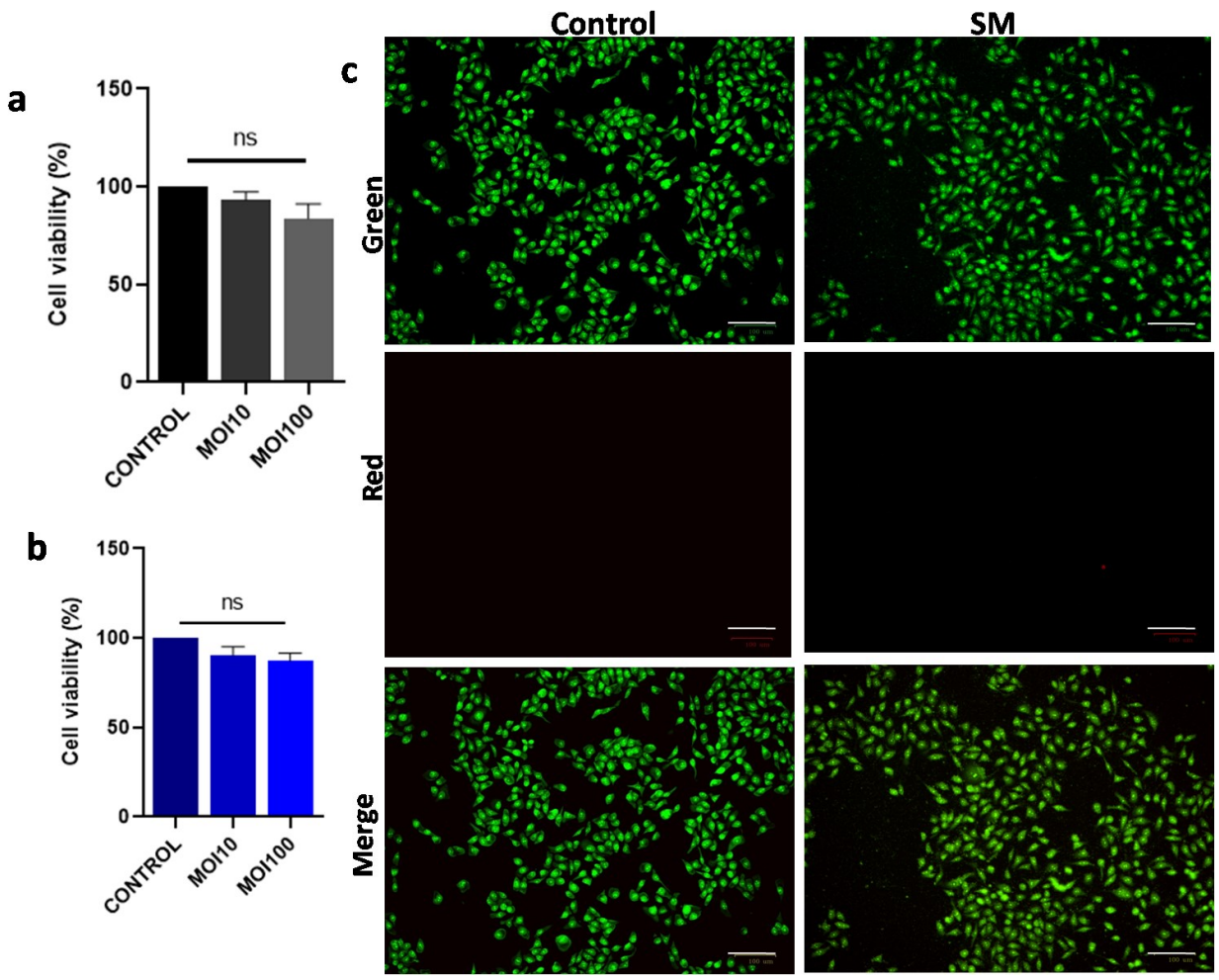

Fig. S1. *S. mutans* ATCC 25175 treatment on the Cal27 viability. Results of (a) MTT and (b) Trypan blue dye exclusion assays showing no significant alteration in the viability of Cal27 cells treated with *S. mutans* at MOI 10 and MOI 100 for 6 h, compared to untreated control cells. (c) Fluorescent images showing intact Cal27 cells treated with *S. mutans* (indicated as SM) at MOI 100 for 6 h. The cells were stained using acridine orange and ethidium bromide. Scale bar = 100 µm. Results are expressed as mean ± SD. ns indicate no significant difference (p>0.05) compared to control.