



Supporting Information

for

Development of a mucoadhesive drug delivery system and its interaction with gastric cells

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Periodic acid–Schiff staining of cells

Periodic acid–Schiff (PAS) staining of cells

6×10^4 cells were seeded on 24-well plates and incubated for two days, then fixed with 4% paraformaldehyde for 20 min. After washing with PBS, the cells were incubated with periodic acid (0.5% for 10 min), washed with PBS, and incubated with Schiff's reagent for 30 min. The cells were then washed with water, and images were taken under an inverted light microscope. The cells with purple-red-stained cytoplasm were counted as mucus-positive cells (Figure S1).

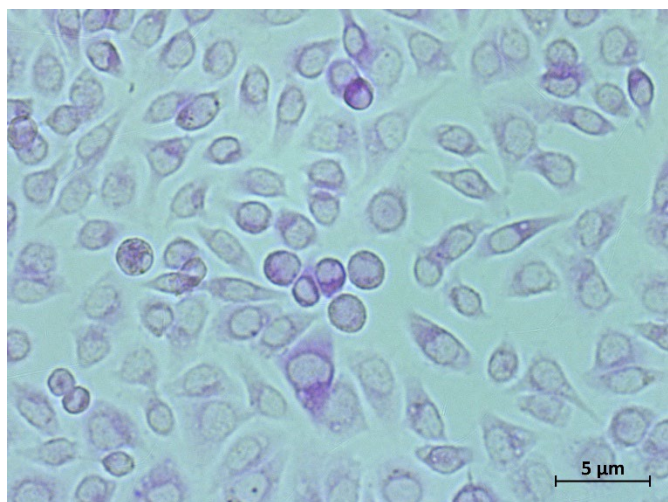


Figure S1: Light microscopy image of mucus-positive AGS cells.