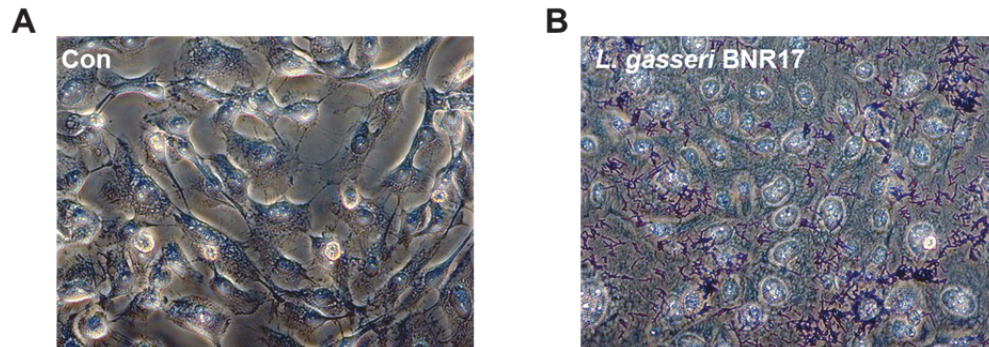


Fig. S1. Adhesion of *L. gasseri* BNR17 to MS74 cells. (A) Untreated MS74 cells, (B) *L. gasseri* BNR17.



Materials and Methods

Adhesion assay

Immortalized human MS74 cells (kindly provided by Prof. Jae-Sook Ryu, Hanyang University College of Medicine, Seoul, Korea) were cultured at 37°C in a 5% CO₂ atmosphere in DMEM (WelGene, Daegu, Korea) supplemented with 10% FBS (Hyclone, Logan, UT, USA) and 1% penicillin-streptomycin (Hyclone) in a humidified atmosphere for 2-3 days. Confluent MS74 cells were harvested and seeded in 6 well plates (5×10^5 cells/well) in the presence or absence of *L. gasseri* BNR17 (1×10^8 CFU/well). After 2 h of incubation, the mono-layers were washed five times with PBS, fixed with 4% paraformaldehyde, subjected to Gram staining (BD BBL, Sparks, MD, USA), and examined microscopically.