



Supplementary Materials

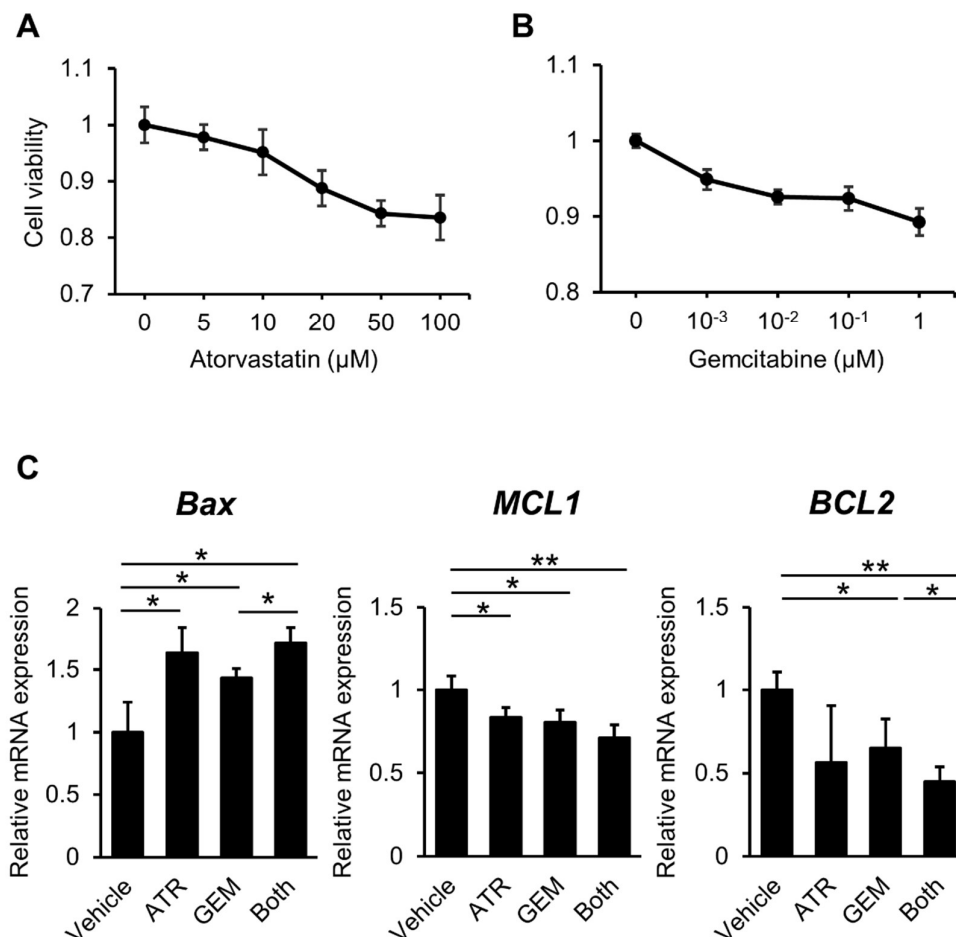


Figure 1. Effects of atorvastatin and gemcitabine on in vitro KKK-M213 cell growth. (A, B) Concentration-dependent effects of atorvastatin (0–100 μM) (A) and gemcitabine (0–1 μM) (B) on the growth of KKK-M213 cells. (C) Relative mRNA levels of BAX, MCL1, and BCL2 in KKK-M213 cells. The mRNA expression levels were measured using quantitative real-time PCR, and glyceraldehyde-3-phosphate dehydrogenase was used as an internal control. Quantitative values are indicated as ratios relative to the values of the vehicle-treated group. ATR, treatment with 20 μM atorvastatin. GEM, treatment with 1×10^{-2} μM gemcitabine. Both, combined treatment with 20 μM atorvastatin and 1×10^{-2} μM gemcitabine. Data are presented as the mean \pm SD ($n = 10$). *, $p < 0.05$; **, $p < 0.01$.

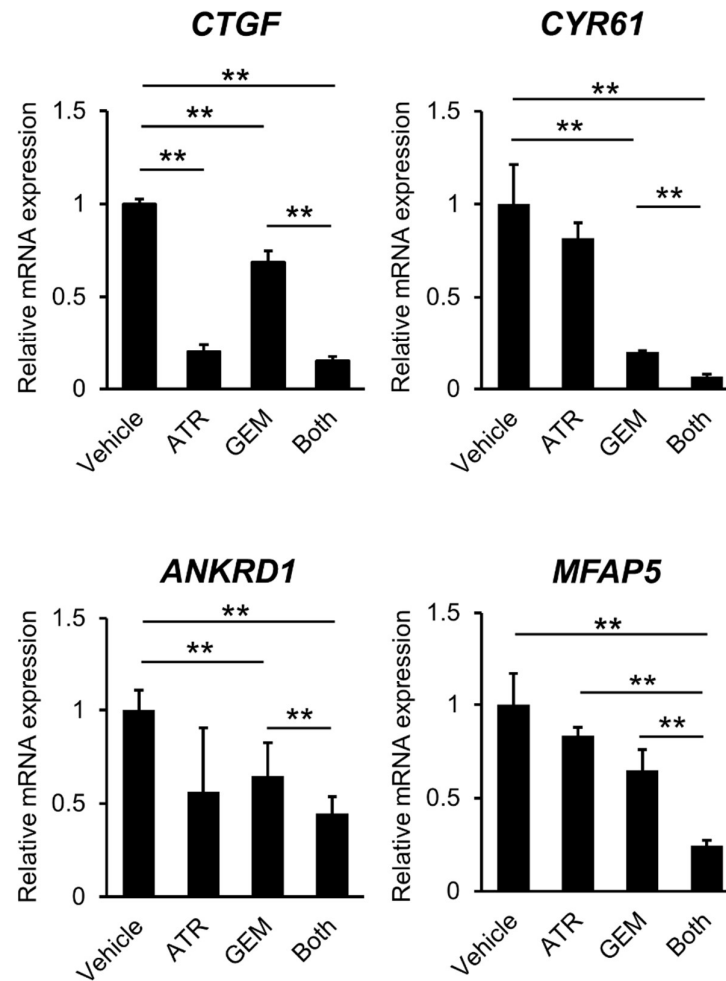


Figure 2. Effects of atorvastatin and gemcitabine on the expression of Yes-associated protein (YAP)/TEA domain (TEAD) target genes in cultured KKKU-M213 cells. Relative mRNA levels of the YAP/TEAD target genes CTGF, CYR61, ANKRD1, and MFAP5 in cultured KKKU-M213 cells. The mRNA expression levels were measured using quantitative real-time PCR, and glyceraldehyde-3-phosphate dehydrogenase was used as an internal control. Quantitative values are indicated as ratios relative to the values of the vehicle-treated group. ATR, treatment with 20 μ M atorvastatin. GEM, treatment with 1×10^{-2} μ M gemcitabine. Both, combined treatment with 20 μ M atorvastatin and 1×10^{-2} μ M gemcitabine. Data are presented as the mean \pm SD ($n = 10$). *, $p < 0.05$; **, $p < 0.01$.

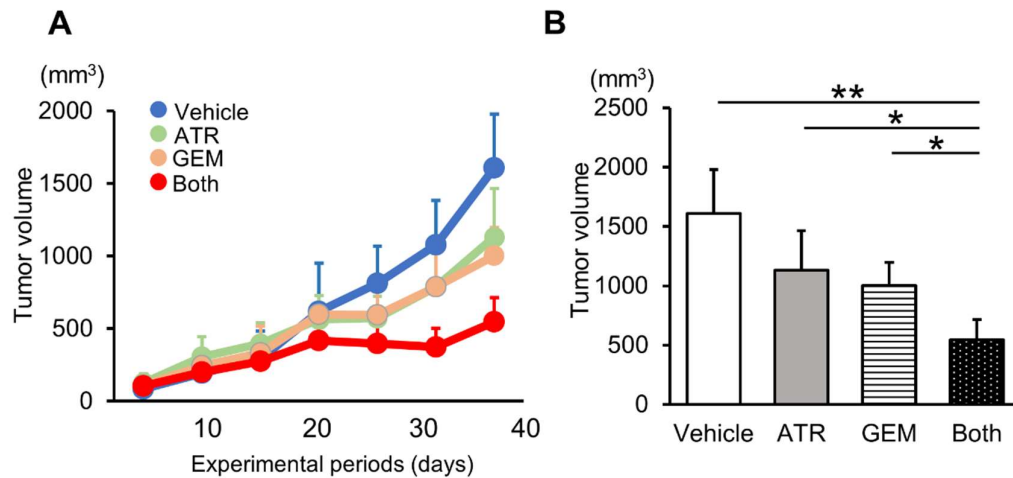


Figure 3. Gemcitabine plus atorvastatin suppressed K KU-M213 cell-derived tumor growth in nude mice. (A) K KU-M213 cell-derived xenograft tumors grew progressively in vehicle-treated control mice, but they grew more slowly in mice treated with either atorvastatin (100 mg/kg/day) or gemcitabine (100 mg/kg/3 days). (B) The mean tumor volumes in mice treated with atorvastatin and/or gemcitabine. ATR, atorvastatin-treated mice. GEM, gemcitabine-treated mice. Both, mice treated with both atorvastatin and gemcitabine. Data are presented as the mean \pm SD ($n = 10$). *, $p < 0.05$; **, $p < 0.01$.