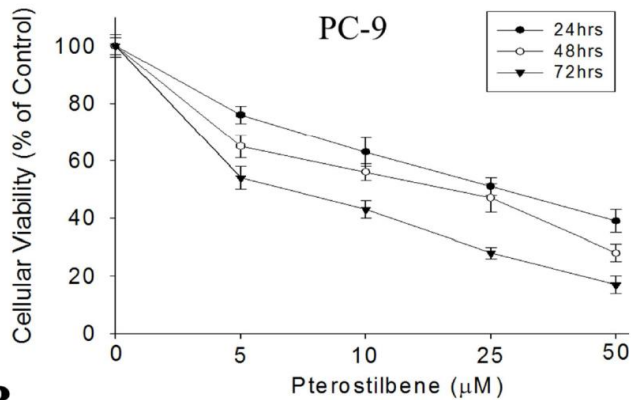


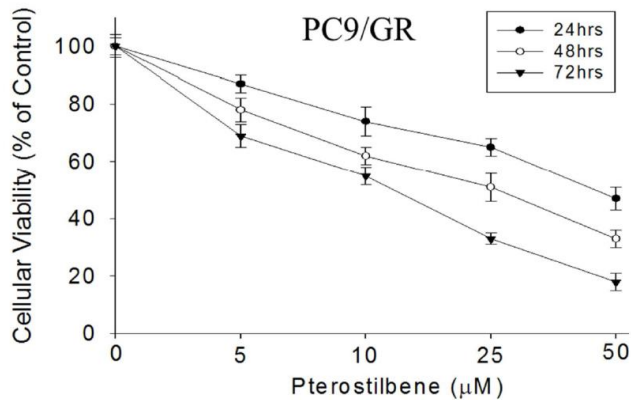
Modulation of macrophage polarization and lung cancer cell stemness by MUC1 and development of a related small-molecule inhibitor pterostilbene

Supplementary Material

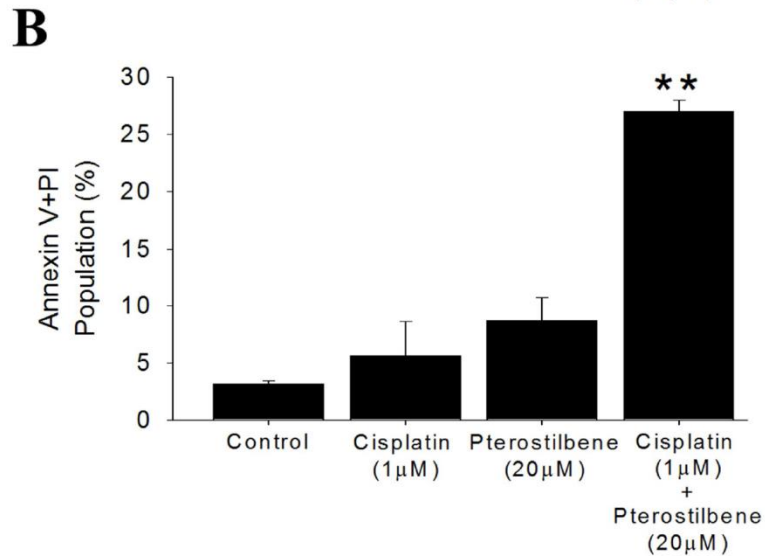
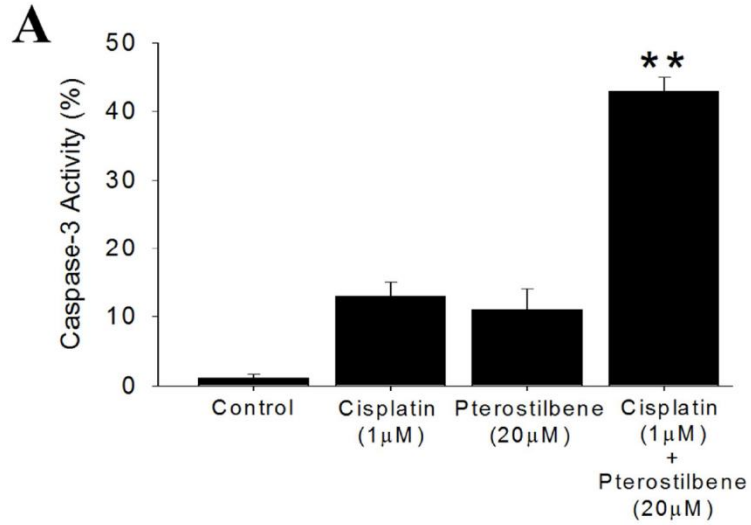
A



B



Supplemental Figure S1. MTT assays were used to examine the inhibitory activities of pterostilbene on lung cancer cell proliferation. The cells were exposed to various concentrations of pterostilbene in PC-9 (EGFR exon 19 in-frame deletion) and PC-9/GR (gefitinib-acquired resistant cells) cells for 72 h. Each data point is the result of more than three independent experiments.



Supplementary Figure S2. Synergistic apoptosis analysis of the combination treatment. Both Caspase-3 activity (A) and Annexin V-PI conjugates for apoptosis (B) were measured in H441 cells treated with DMSO as the vehicle control, cisplatin (1µM), pterostilbene (20 µM), and the combination. * P < 0.05 when compared to the control (DMSO).