

CORRIGENDUM

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DR2 blocker thioridazine: A promising drug for ovarian cancer therapy

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Subsequently to the publication of the above article, the authors have realized that Figs. 1 and 2 contained incorrect GAPDH control bands; in particular, the same GAPDH bands had erroneously been included twice in Fig. 2 for experiments that involved two different cell lines. These GAPDH bands were included inadvertently in this pair of figures owing to a mislabelling of the original data files.

The corrected versions of Figs. 1 and 2, as they should have appeared in the Journal, are shown opposite. All the authors agree to this Corrigendum. Note that the revisions made to these figures do not adversely affect the results reported in the paper, or the conclusions stated therein. The authors regret that these errors were not noticed prior to the publication of this article, and offer their apologies to the Editor and to the readers of the Journal.

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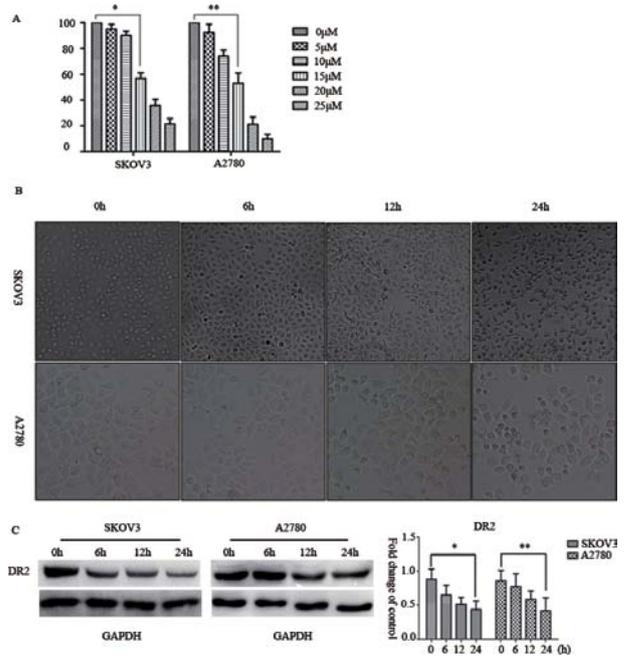


Figure 1. Thioridazine blocked DR2 and suppressed cell proliferation. (A) The effect of thioridazine on cell proliferation; a concentration of 15 μM was the minimum required to induce the inhibition of SKOV3 and A2780 cells. Data are presented as the mean ± standard deviation of three independent experiments. *P=0.003; **P=0.009 vs. control. (B) Light microscopy images of ovarian cancer cell morphology following treatment with 15 μM thioridazine for the designated length of time (0, 6, 12 and 24 h). Scale bar, 100 μm. (C) DR2 expression as determined by western blotting analysis. GAPDH was used as the reference. Bar graph represents the mean ± standard deviation of triplicate experiments. *P=0.019, **P=0.038, compared with the control group.

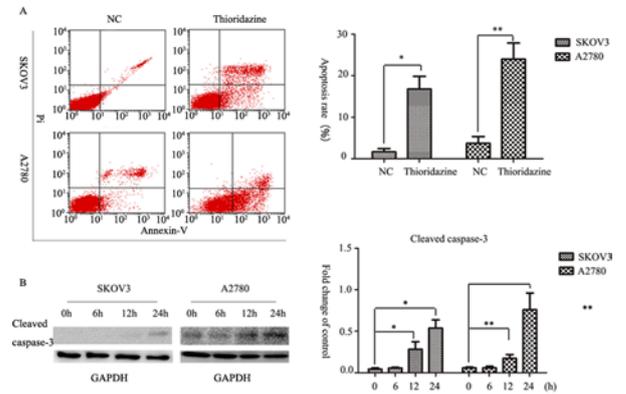


Figure 2. Thioridazine-induced apoptosis. (A) Annexin V/PI double staining analysis of SKOV3 and A2780 cells treated with or without 15 μM thioridazine. Data are representative of the results of triplicate independent experiments. *P=0.01, **P=0.005, compared with the control group. (B) Representative western blotting demonstrating the levels of cleaved caspase-3. GAPDH was used as an internal control. Bar graph represents the mean ± standard deviation of triplicate experiments. *P=0.041, 12 h; **P=0.012, 24 h; ***P=0.044, 12 h; ****P=0.026, 24 h, vs. control group. PI, protease inhibitor; NC, negative control.