a. A549 dox cells showed cross resistance to paclitaxel and cisplatin

Results shown are Mean± SEM, which are three separate experiments performed in triplicate. Significance is shown at P<0.01 (One way ANOVA followed by Tukey’s multiple comparison test).

b. The levels of BCRP, MRP1, P-gp, LRP and NRF2 in A549 and A549/dox cells. A549 and A549 cells were analysed for BCRP, MRP1, P-gp, LRP and NRF2 expression, representative western blot images and densitometric analysis are shown.
c. The intracellular GSH levels in A549 and A549/dox cells

Results shown are Mean± SEM, which are three separate experiments performed in triplicate. Significance is shown at P<0.01 (One way ANOVA followed by Tukey’s multiple comparison test).

d. Number colonies formed by A549 and A549/dox cells
Results shown are Mean± SEM, which are three separate experiments performed in triplicate. Significance is shown at P<0.01 (One way ANOVA followed by Tukey’s multiple comparison test).

e. Bax/Bcl2 ratio in A549 and A549/dox cells

![Bar chart showing Bax/Bcl2 ratio](chart1.png)

**e. Intracellular DOX accumulation was potentiated by neferine.** Bar chart shows the intensity of the Dox fluorescence quantified using Image J. Results shown are Mean± SEM, of three separate measurements performed. Significance is shown at P<0.01 (One way ANOVA followed by Tukey’s multiple comparison test).