

Schedule-dependent synergy between the Histone Deacetylase Inhibitor Belinostat and the Dihydrofolate Reductase Inhibitor Pralatrexate in T-and B-cell Lymphoma Cells *in vitro*

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Legends to supplementary figures:

Suppl. Figure 1:

Examples of various growth inhibition curves performed under different conditions.

A: HT cells, exposed to a range of BLS concentrations for 72 hr and from 24-72 hr to both drugs in a fixed ratio.

B: HT cells, exposed to BLS around its IC₂₅ (100 nM) and a concentration range of PLX (non-fixed ratio) for 72 hr. The triangles represent the theoretical curve for this combination; since this line is above the experimental combination line, this combination is synergistic.

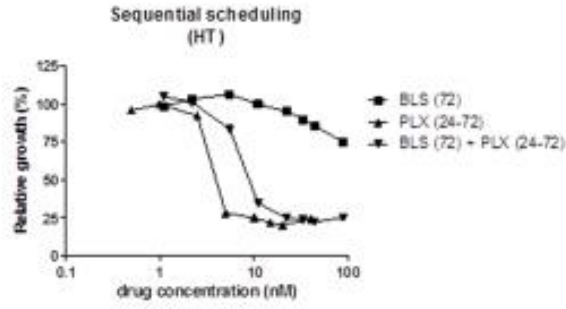
C: SUDHL-4 cells exposed to the IC₂₅ of BLS at a non-fixed ratio of a range of PLX concentrations for 72 hr.

D: HT cells, exposed to PLX around its IC₂₅ (5 nM) and a concentration range of BLS (non-fixed ratio) for 72 hr. The triangles represent the theoretical curve for this combination; since this line is below the combination line, this combination is antagonistic.

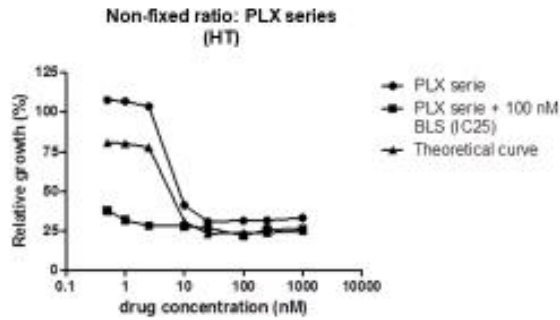
E: SUDHL-5 cells exposed to PLX around its IC₂₅ (4 nM) and a concentration range of BLS (non-fixed ratio) for 72 hr. The triangles represent the theoretical curve for this combination; since this line overlaps the combination line, this combination is additive.

Sup Fig. 1

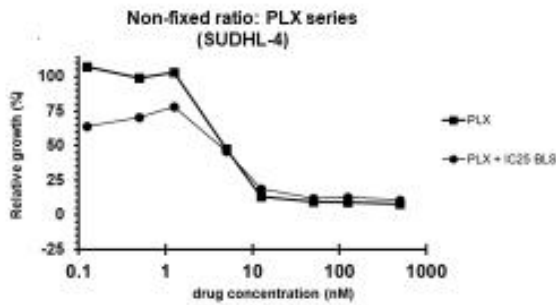
S 1A



S 1B

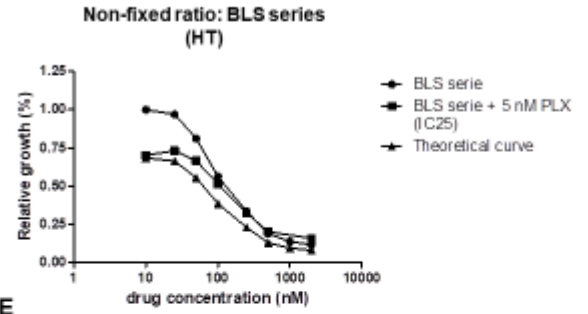


S 1C

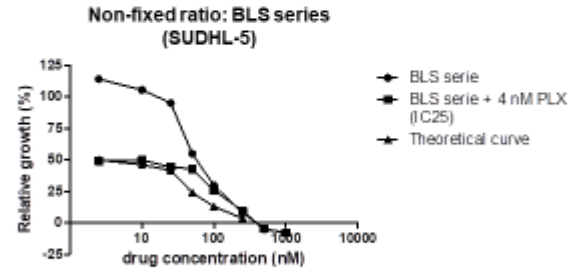


Sup Fig. 1

S 1D



S 1E



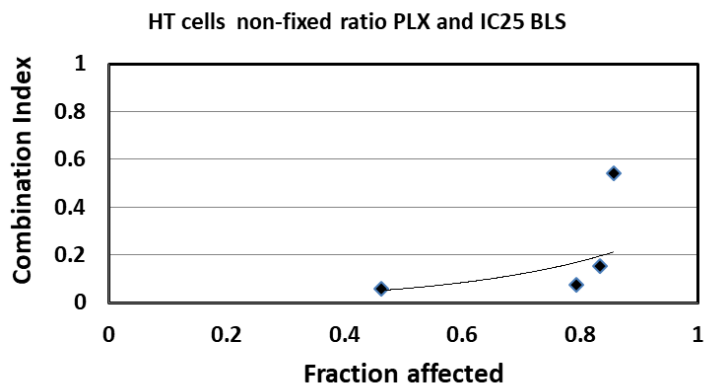
Sup. Fig. 2

Example of a CI-FA plot for HT cells exposed to an IC25 for BLS (100 nM) and a concentration range for PLX for 72 hr. Using the Calcsyn program the data were generated but Calcsyn does not generate a fit curve for non-fixed ratios. Actual values are used for calculation of an average CI per experiment.

Sup. Fig. 3:

Western blots of caspase 9 cleavage in SUDHL-4 cells exposed to 5.5 nM PLX, 70 nM BLS and their combination for 24, 48 and 72 hr.

Sup Fig. 2



Sup Fig. 3

