

Figure 1

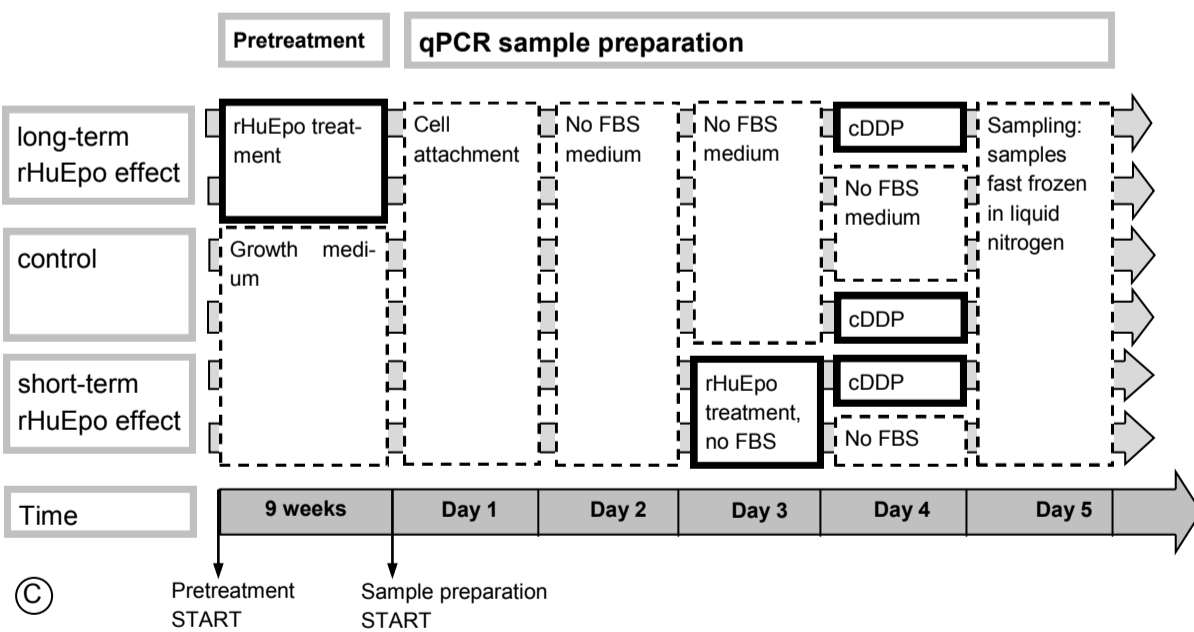
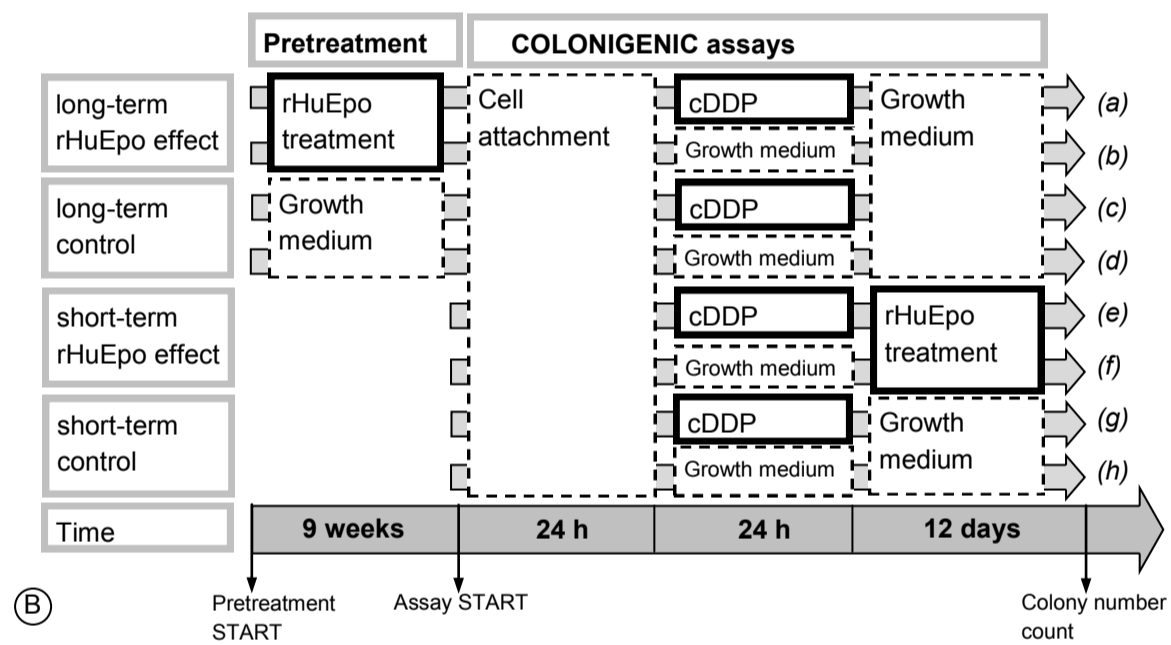
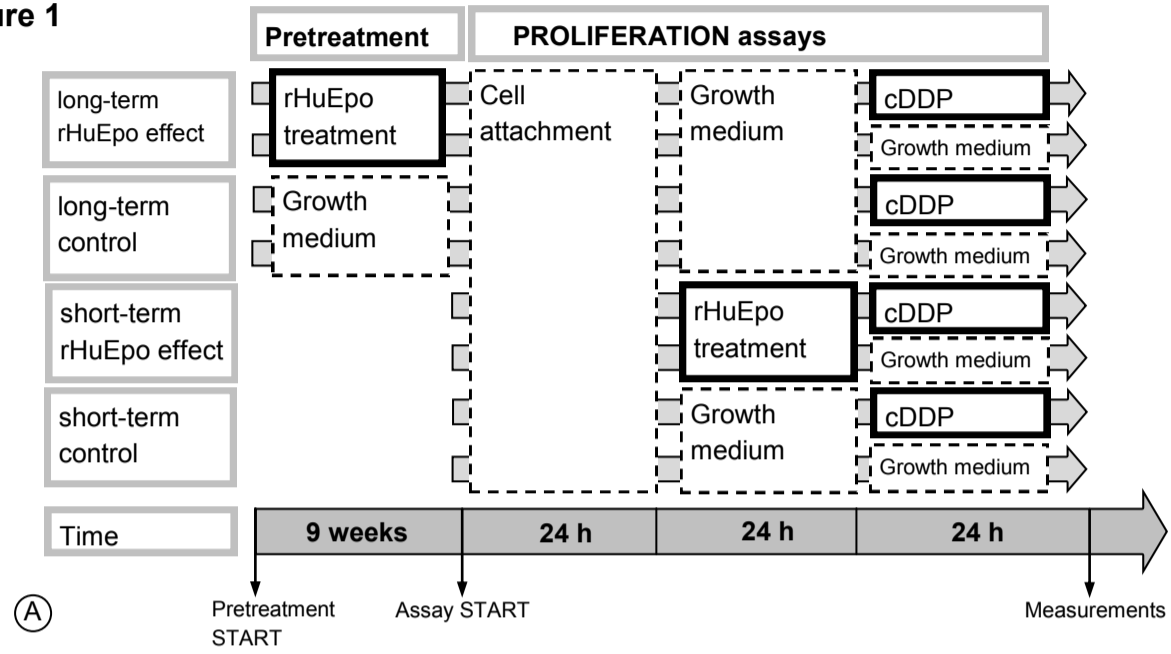


Figure 2

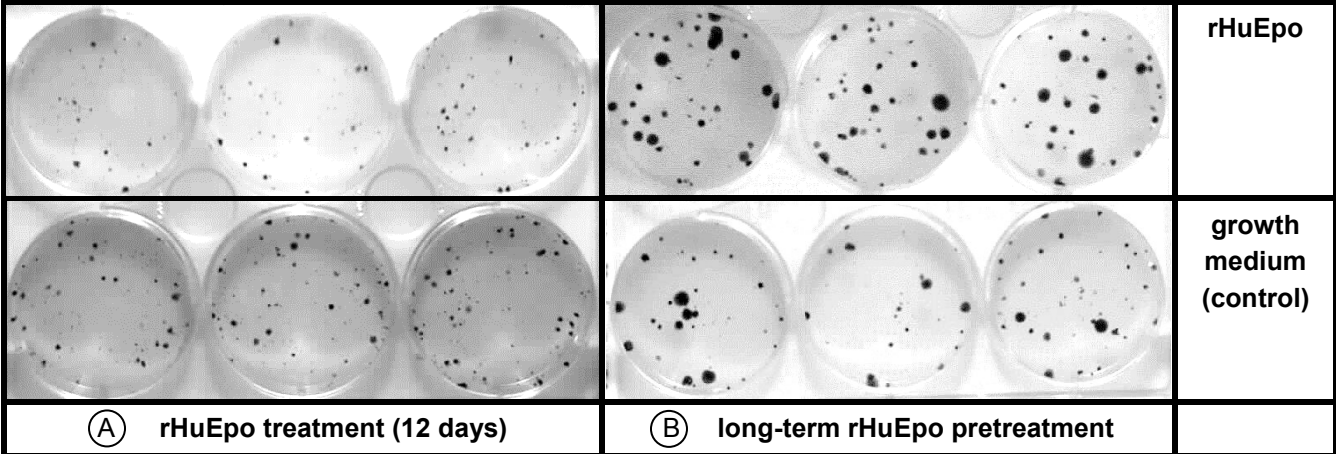


Figure 3

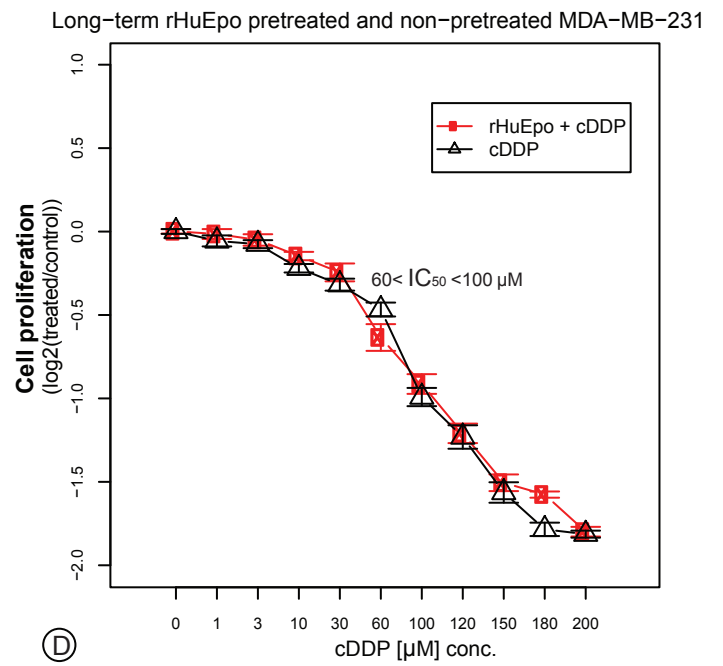
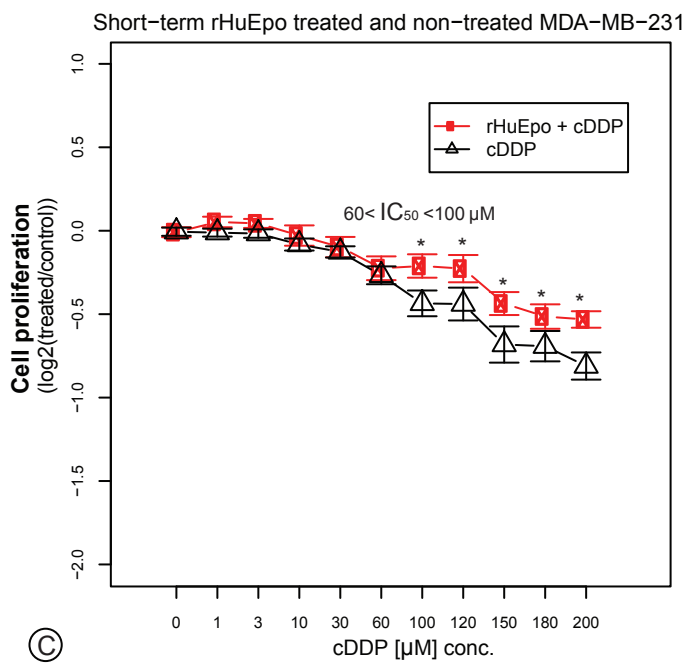
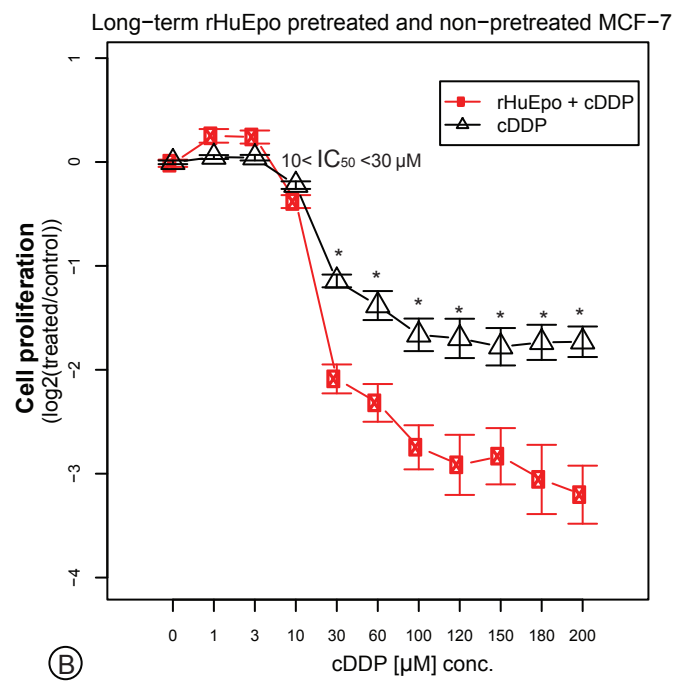
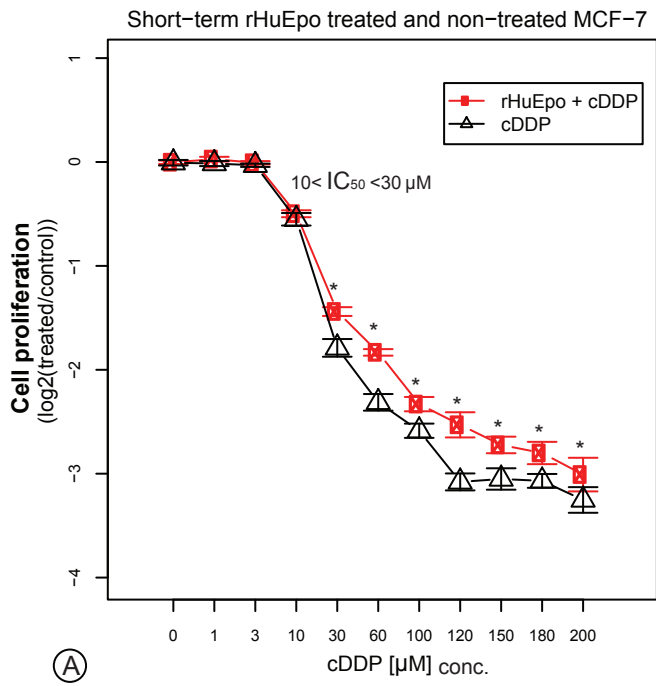


Figure 4

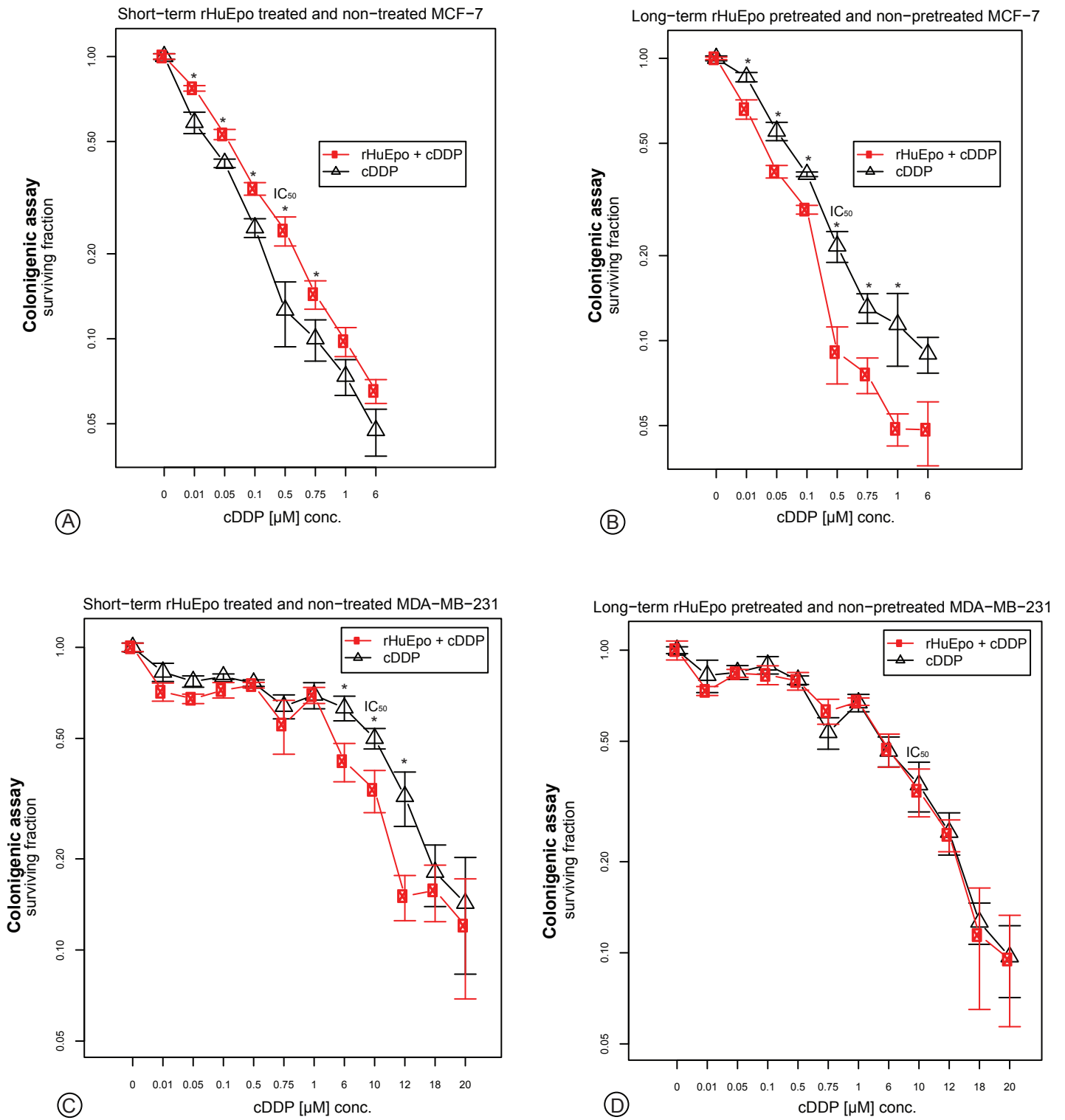
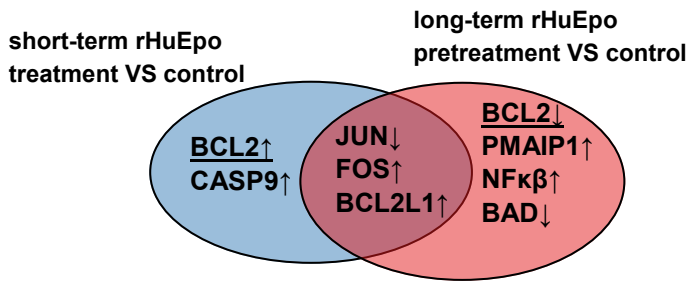


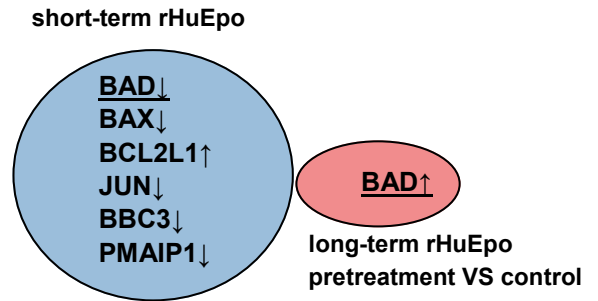
Figure 5

MCF-7, rHuEpo effect



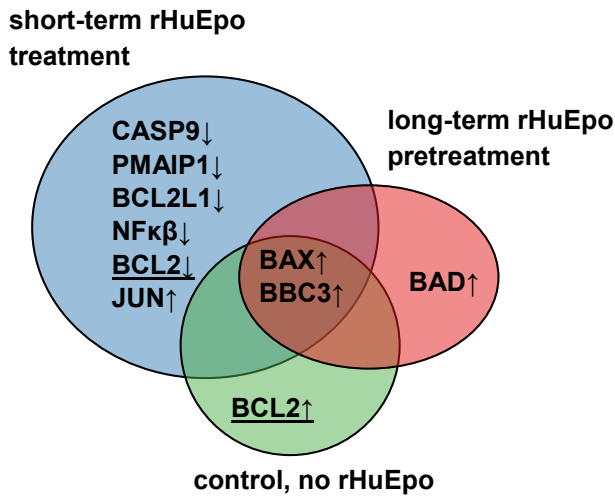
(A)

MDA-MB-231, rHuEpo effect



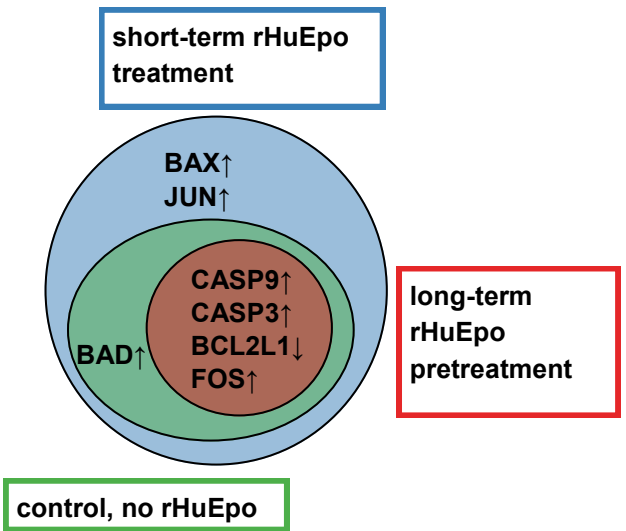
(B)

MCF-7, rHuEpo and cDDP interaction



(C)

MDA-MB-231, rHuEpo and cDDP interaction



(D)

Figure 6

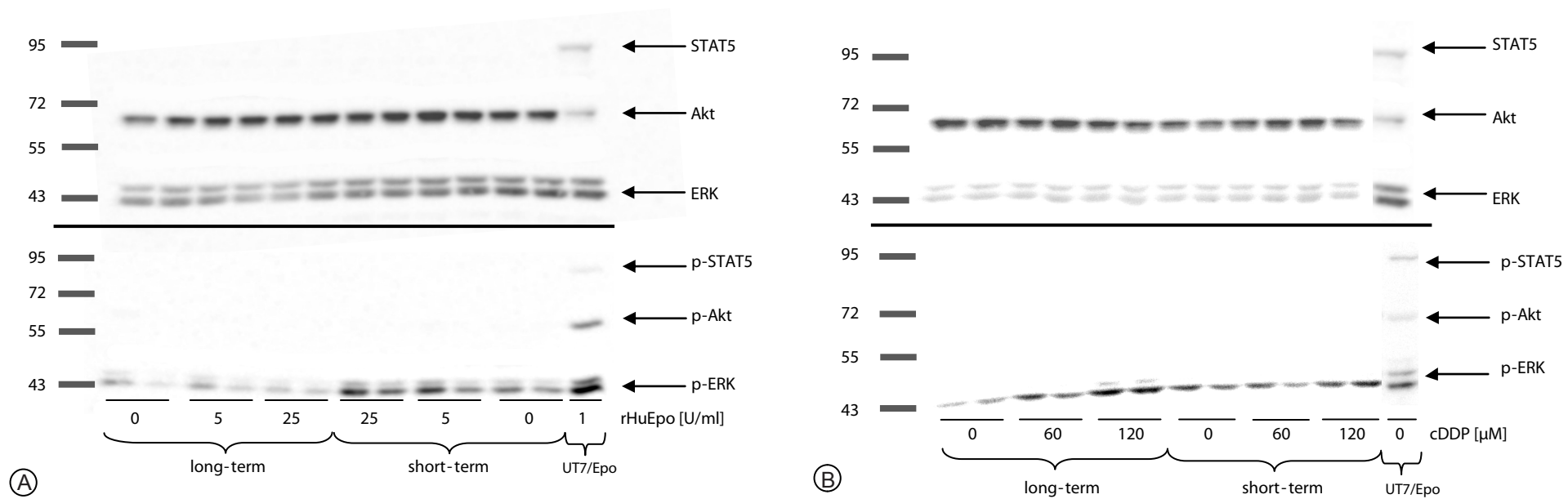


Figure 1: Schematic representation of treatment protocols: (A) proliferation, (B) colonigenic, (C) qPCR and western blot assays.

Figure 2: Colonigenic survival and proliferation of rHuEpo treated and non-treated MCF-7 cells.

Figure 3: Cell proliferation of short and long-term rHuEpo treated and non-treated cells after exposure to cDDP, normalized with the proliferation of control cells that were not exposed to cDDP.

Figure 4: Surviving fraction of short and long-term rHuEpo treated cells after exposure to cDDP: (A and B) MCF-7; (C and D) MDA-MB-231 cell line.

Figure 5: (A and B) Venn' diagrams representing differential gene expression at different rHuEpo treatments when compared to non-treated cells: (A) MCF-7; (B) MDA-MB-231 cell line. (C and D) Venn' diagrams representing differential gene expression in cells that were or were not exposed to cDDP at different rHuEpo treatments: (C) MCF-7; (D) MDA-MB-231 cell line. ↑: up-regulation. ↓: down-regulation. Underlined = genes with non-matching direction of change.

Figure 6: Phosphorylation of ERK and Akt proteins in MDA-MB-231 cell line: (A) short and long-term rHuEpo treated cells; (B) short-term rHuEpo treated or non-treated cells after the exposure to cDDP.