Supporting Information:

Methods:

MTT assay

IGROV-1 and OC316 cells (5 x 10^3 cells/well) were seeded in 96-well culture plates and incubated in complete culture medium. The next day, the medium was replaced with a fresh with or without digitoxin (1-50 nM) and cells were incubated for 48 hours. Four hours before the end of the treatment 10 µL stock solution of MTT (5mg/mL in PBS) was added to each well. At the end of treatment the incubation medium was removed and formazan crystals were dissolved in 100 µL dimethyl sulfoxide (DMSO). MTT reduction was quantified by measuring light absorbance with a multilabel plate counter (VICTOR2– Wallac) at 570–630 nm. Background absorbance values from control wells (cell-free media) were subtracted. Cell viability is expressed as optical density (OD) value.

Results

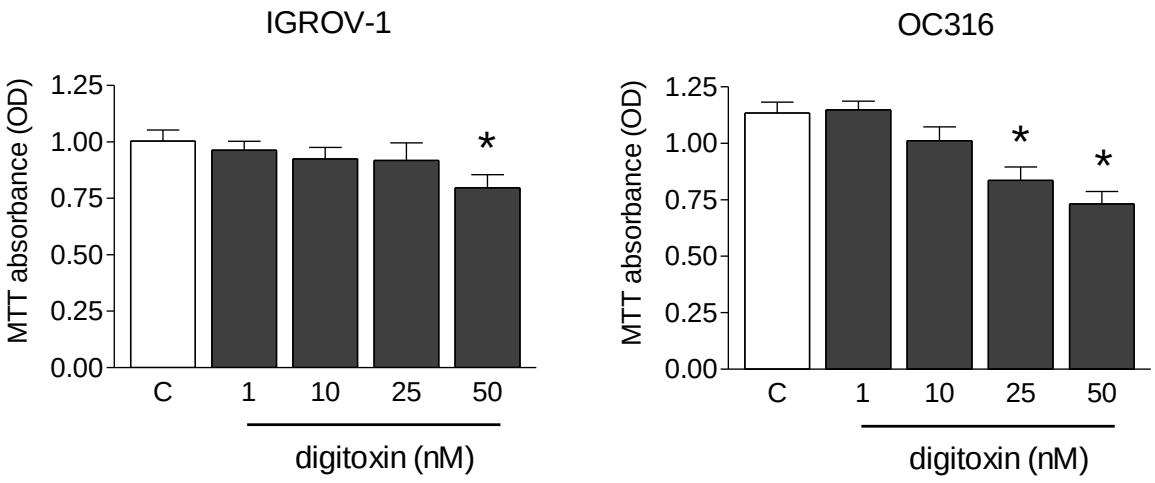

Figure S1. Effect of digitoxin on cell viability and proliferation of IGROV-1 and OC316 ovarian cancer cells. Cells (5 x 10^3 cells/well) were plated in 96-well plates and incubated in complete culture medium with digitoxin (1-50 nM) for 48 h, C: control; cell viability was measured by MTT assay. Data are expressed as mean ± SE, of 6 independent experiments performed in sextuplicate; statistical analysis: * $P<0.05$ for cells treated with digoxin (one-way ANOVA, post test Dunnet).