



Supplementary figure S1. Schematic diagram of the combination treatment of electrochemotherapy (EQT) and magnetic hyperthermia (HT). 1 mg/ml of SPIONS was added alone and in combination with cisplatin (CDDP, 27  $\mu$ M and 33  $\mu$ M) and bleomycin (BLM, 0.5 and 7  $\mu$ M) to cell lines DU-145/GFP and RWPE-1, then electroporation (EP) was applied (1,000 V/cm) and afterward, it was irradiated with an electromagnetic field at a heating frequency (f) of 460 kHz and an amplitude (H) of 20 kA/m during 5 minutes until a temperature of 43°C was reached and it was maintained for 5 more minutes.