Supplementary Information

SLC-0111 increases Cis-Pt effect on apoptosis in HNSCC cells

(A and C) FaDu and SCC-011 cells grown under hypoxic conditions (1% O_2) and treated with Cis-Pt (1 μM), SLC-0111 (100 μM) and combination of the two drugs were stained with Annexin V/PI and subjected to flow cytometry analysis. Values are shown relative to untreated cells, arbitrarily set to 1 (n=3). Bars depict mean ±SD of three independent experiments (** p<0.001; * p<0.01). **(B and D)** Lysates obtained from FaDu and SCC-011 cells treated as above described were immunoblotted with antibodies anti pro-caspase-3/cleaved-caspase-3 and PARP/cleaved-PARP. Equal loading was confirmed by immunoblot with anti-actin antibody. The graphs display the relative quantities of protein expression levels.

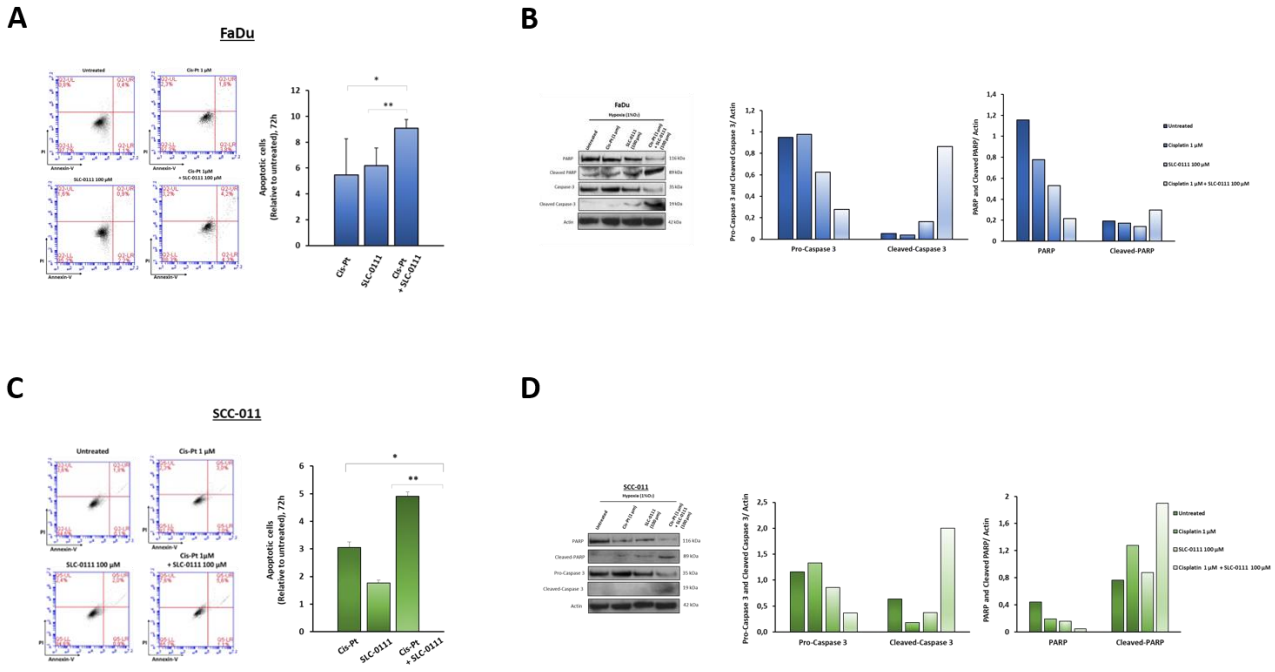

Figure S1

The combination of SLC-0111 and Cis-Pt drastically reduces MMP-2 levels in FaDu xenografts. Lysates from recovered FaDu xenografts, treated with vehicle, SLC-0111 (100 mg/kg per os administration, via oral gavage) or Cis-Pt alone (3 mg/kg per i.p. injection), or the two drugs in combination, were immunoblotted with antibody anti MMP-2. Equal loading was confirmed by immunoblot with anti-Actin antibody.

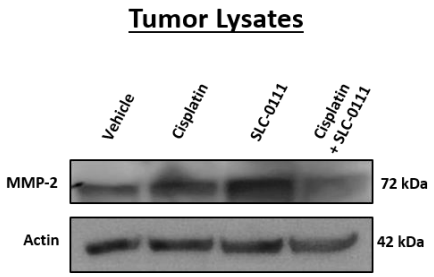

Figure S2