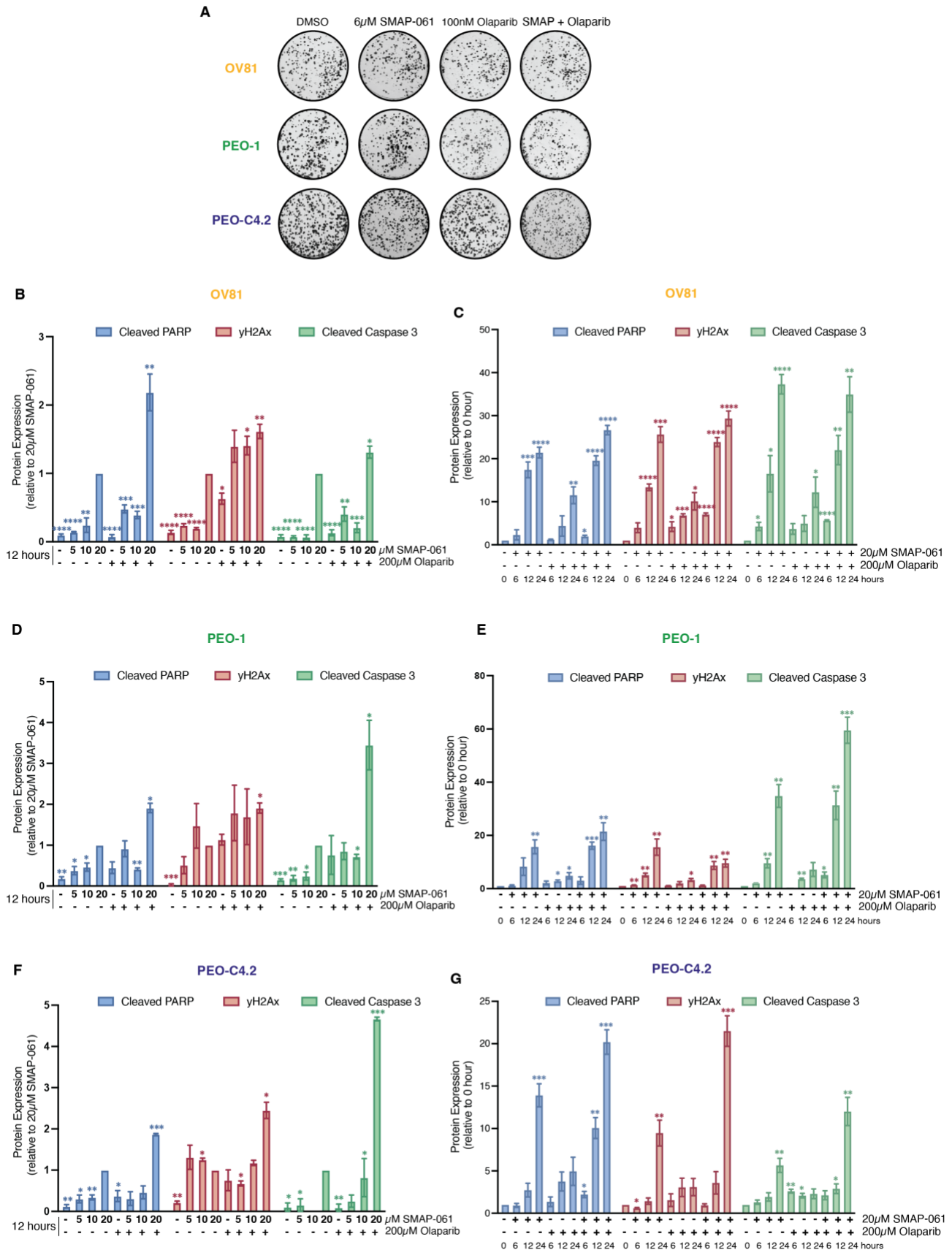


Supplementary Figure 4



Supplementary Figure 4 – Combination of SMAP-061 and PARPi synergistically reduces cellular proliferation capacity and induces cell death in a dose and time dependent manner. A) Clonogenic assay of OV81, PEO-1 and PEO-C4.2 cells treated with DMSO, 6 μ M of SMAP-061, 100nM of Olaparib or combination of SMAP + Olaparib for the course of two weeks (n=3). B) and C) OV81, D) and E) PEO-1 and G) and H) PEO-C4.2 western blot quantification of cell death markers (Cleaved Caspase 3 and Cleaved PARP) and γ H2Ax to evaluate synergy potential of SMAP-061 and Olaparib co-treatment in a dose B), D), F) and time C), E), G) dependent manner. Data is presented as the mean \pm SEM (n=3), (unpaired Student T-tests, comparing each condition relative to 20 μ M SMAP B), D), F) or no treatment at zero hours C), E), G), of each respective cell line, *p < 0.05, **p < 0.01, ***p < 0.001, ****p < 0.0001).