SUPPLEMENTARY FIGURE LEGEND

Supplementary Figure 1. Chemical structure of olaparib.

Supplementary Figure 2. Quantification of cleaved caspase 3 Western blot seen in Fig. 4A.
*Significant increase (p<0.05) over radiation alone.

Supplementary Figure 3. Growth of HT1080 flank tumors in athymic nude mice treated with 8 Gy of radiation, olaparib (50 mg/kg i.p. daily), or both. Five mice were used for each group.
*p<0.05 compared to control group.

Supplementary Figure 4. Pictures of clonogenic survival assay for shA673-1C cells treated with olaparib (500 nM), 4 Gy of radiation (IR), or both in the presence and absence of doxycycline.
Quantified results shown in Fig. 6D.

Supplementary Figure 5. Growth of SK-N-MC flank tumors in athymic nude mice treated with 12-15 Gy. Each line represents one tumor.