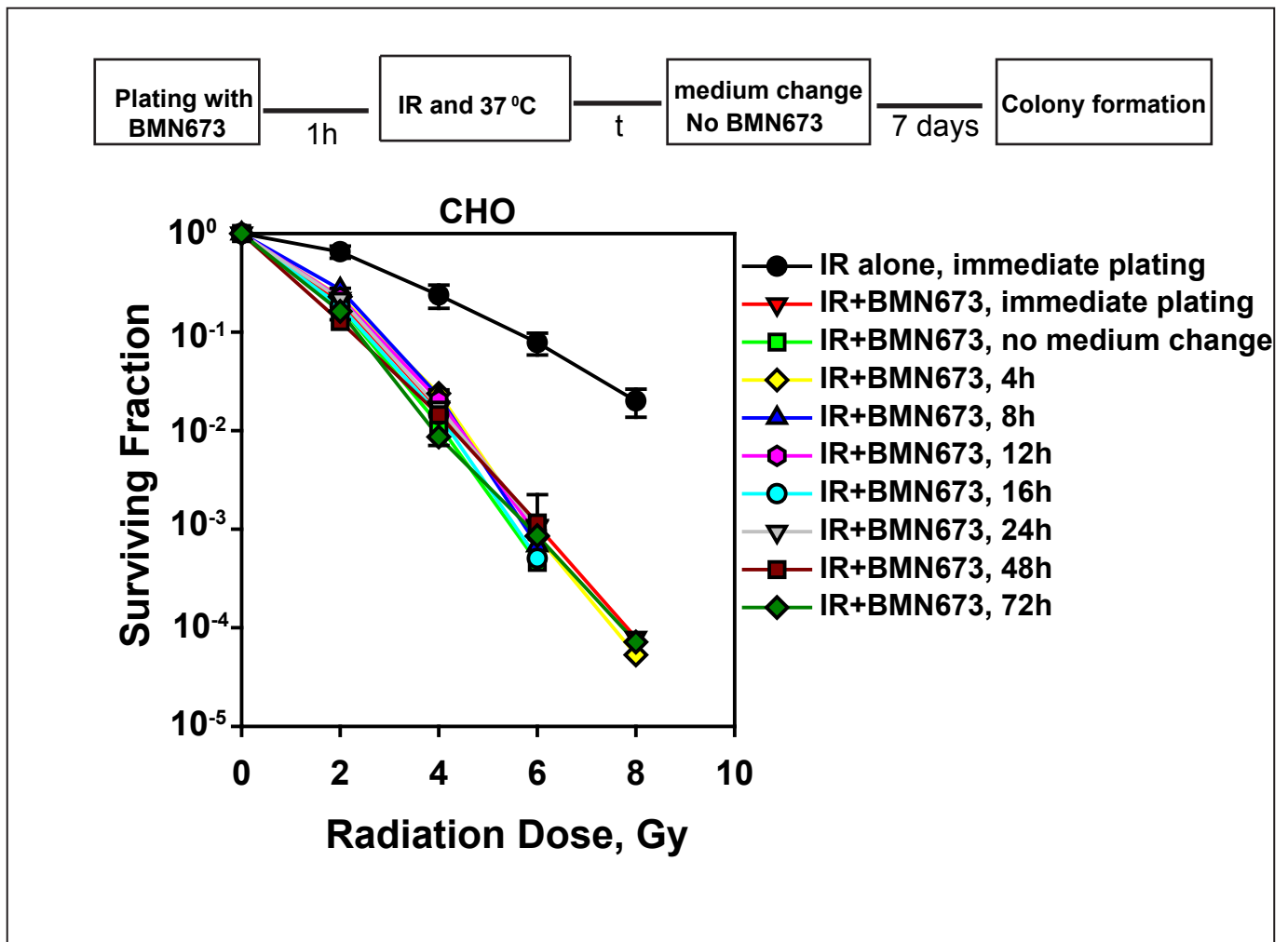


C



Suppl. Figure 1:

(A): All Parpi tested inhibit parylation at the concentrations used; CHO cells were exposed to the indicated concentrations of Parpi for 1h before treating with 10mM H₂O₂ for 20 min at 37°C and processing for immunofluorescence to detect parylation. Representative images showing degree of H₂O₂ induced parylation in cells treated with DMSO or Parpi, as indicated. **(B):** Impact of 50nM BMN673 on radiosensitization in MEFs wt and *PARP1*^{-/-} cells. **(C): Short treatment (1h) with BMN673 suffices for maximum radiosensitivity:** Clonogenic survival of CHO cells treated with BMN673 and exposed to various IR doses as indicated in flow chart at the top of the panel. BMN673 containing medium was replaced with inhibitor-free medium at various times after IR. Thereafter cells were allowed to form colonies for 7 to 8 days. Data represents mean ± SD calculated from two to three independent experiments.