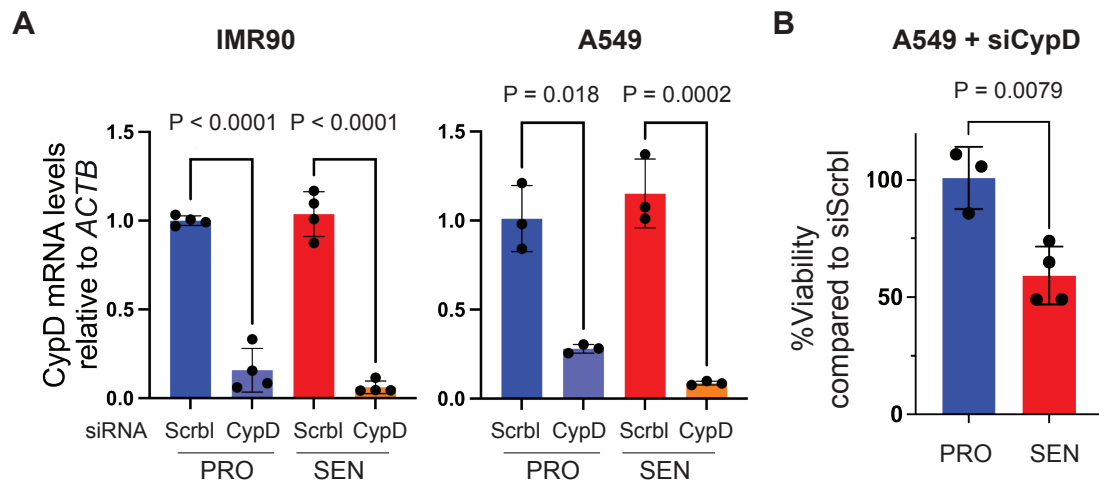


Appendix for

Cyclophilin D plays a critical role in the survival of senescent cells

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Appendix Figure S1



Appendix Figure S1: **Reduced senescent cell viability after CypD depletion assessed by crystal violet staining.** Related to Figure 2.

A Relative mRNA expression of CypD in proliferating (blue) or senescent (red) IMR90 and A549 cells, treated with siRNA Scrbl or siRNA against CypD for 7 days. Signals were normalized to that of β -actin. $n = 3-4$ biologically independent samples. All the values plotted in the graphs are the mean $\pm$ SD. Statistical analyses were performed with 2-way ANOVA multiple comparison with Tukey's correction. P-values are indicated in the figure.

B Proliferating and senescent A549 cells were treated for 7 days with siRNA Scrbl or anti-CypD and stained with crystal violet solution for 10 min. The absorbance was measured at 540 nm following the dissolution of the dye. $n=3$ (PRO) and 4 (SEN) independent experiments. The values plotted in the graphs are the mean $\pm$ SD. Statistical analyses were performed with Unpaired Student's t-test. P-values are indicated in the figure.