

Supplementary Materials

Eye Drop with Fas-Blocking Peptide Attenuates Age-Related Macular Degeneration

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Total Supplementary Figures (S1~S4)

Figure S1. Peptide toxicity test by CCK-8 assay in ARPE-19 cells.

Figure S2. Concentration-dependent cell viability in NaIO₃-induced ARPE-19 cells.

Figure S3. Cell-Penetrating Peptide (CPP) toxicity test by CCK-8 assay in ARPE-19 cells.

Figure S4. Size-dependent FBP binding test in Jurkat cells.

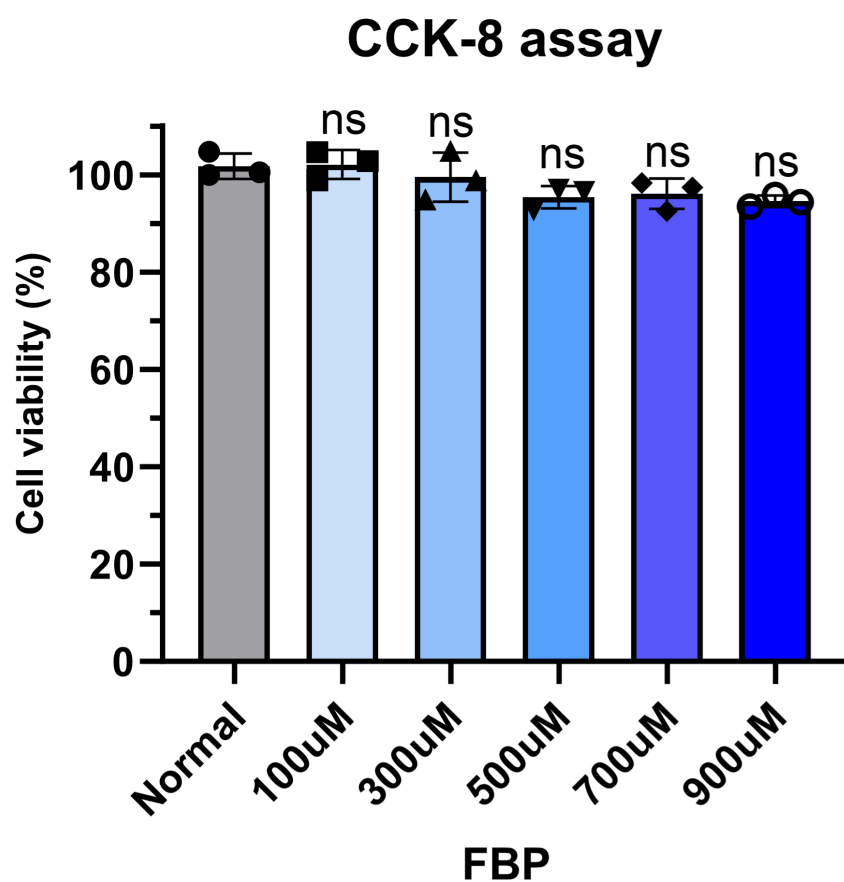


Figure S1. Peptide toxicity test by CCK-8 assay in ARPE-19 cells. Peptide toxicity was assessed using CCK-8 assay in ARPE-19 cell. The data are presented as the mean \pm SD (N=3 per group). ns indicates not significant.

CCK-8 assay

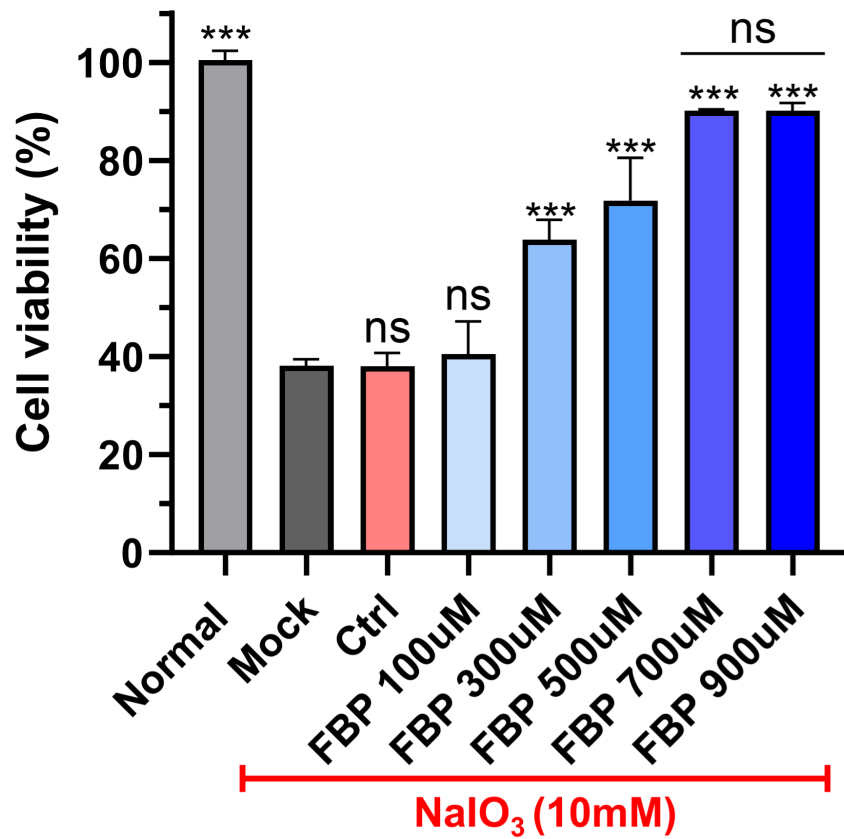


Figure S2. Concentration-dependent cell viability in NaIO₃-induced ARPE-19 cells. Cell viability under concentration-dependent conditions was evaluated in NaIO₃-induced ARPE-19 cells. The data are presented as the mean \pm SD from three independent experiments. ***P<0.001, and ns indicates not significant.

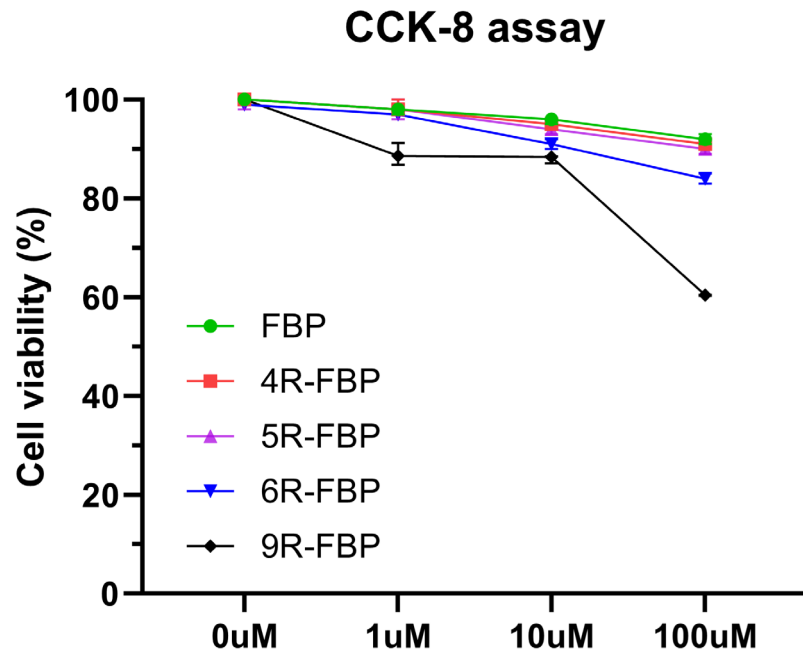


Figure S3. Cell-penetrating peptide (CPP) toxicity test by CCK-8 assay in ARPE-19 cell. CPP toxicity was assessed using the CCK-8 assay in ARPE-19 cell. The data are presented as the mean \pm SD (N=3 per group).

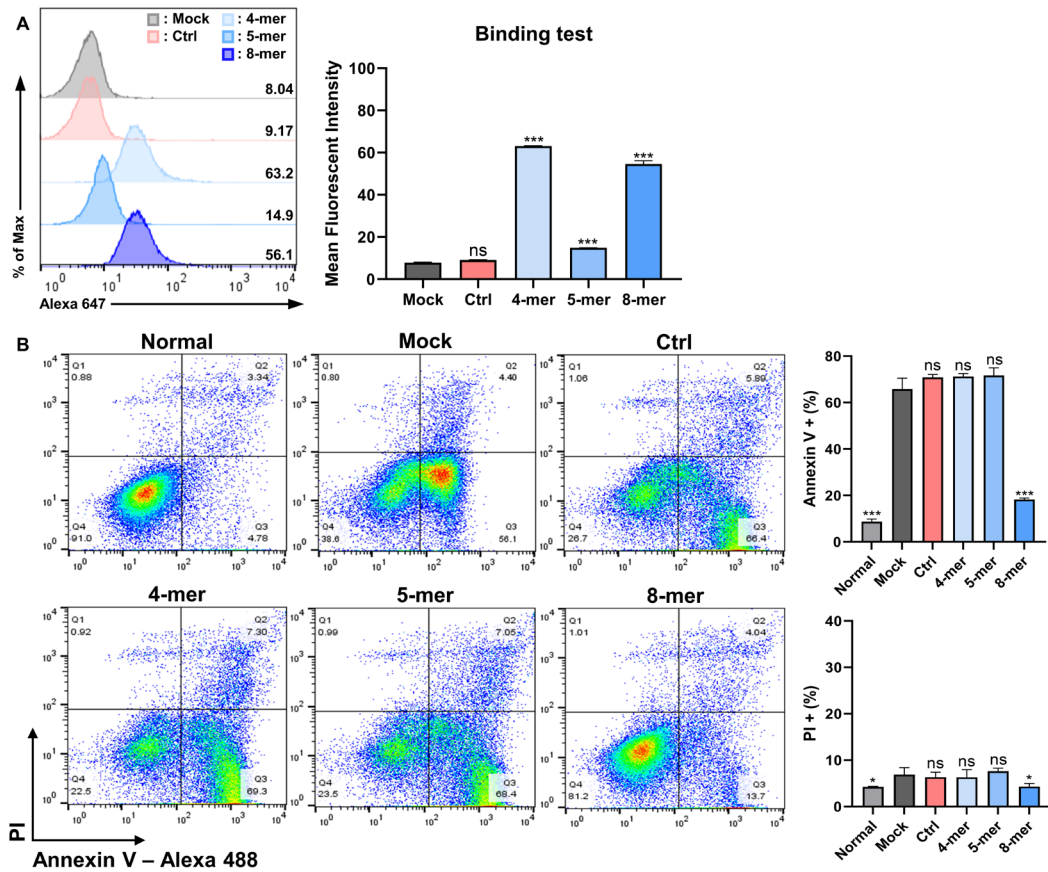


Figure S4. Size-dependent FBP binding test in Jurkat cells. (A) Size-dependent FBP flow cytometry analysis of binding in Jurkat cells. (B) Size-dependent FBP flow cytometry analysis of apoptosis in Jurkat cells. The data are presented as the mean \pm SD (N=3 per group). * $P < 0.05$, *** $P < 0.001$, and ns indicates not significant.