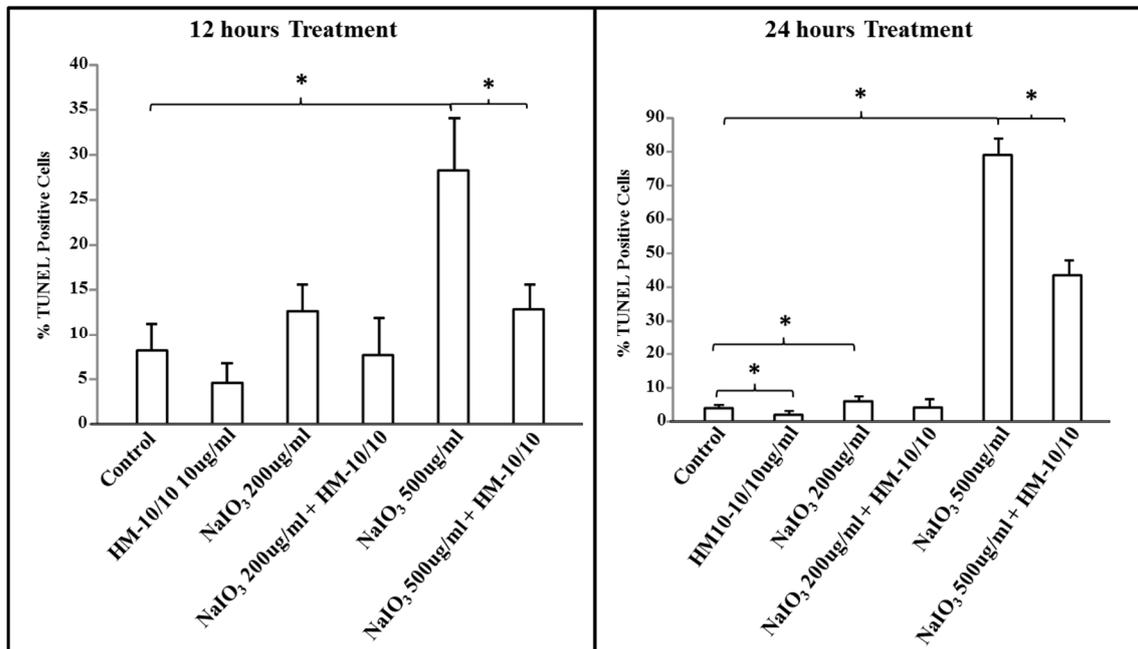
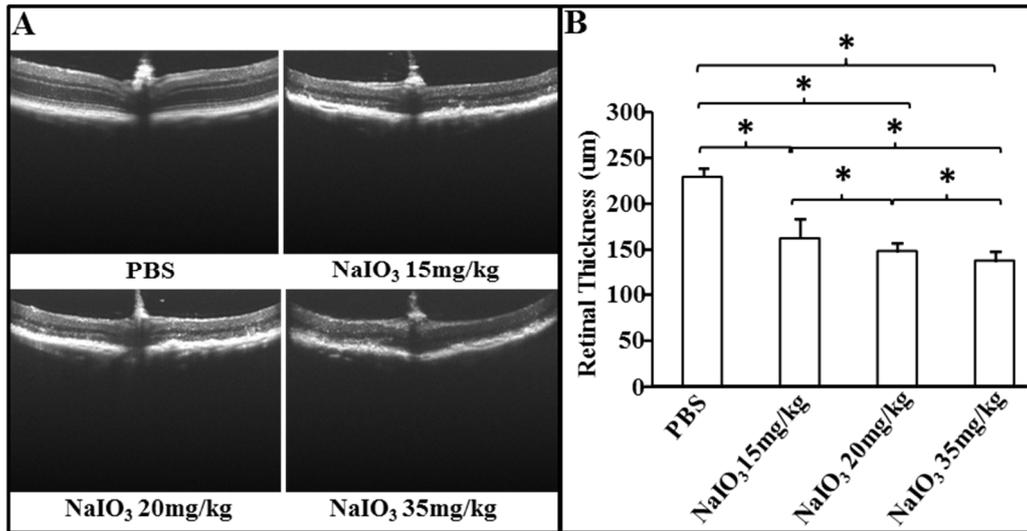


Supplemental Figure S1. Establishment of effective HM-10/10 dosing in hFRPE cells. hFRPE cells were incubated with HM-10/10 at 10, 20, 40, and 80 ug/mL or sc-4F at 50 or 74 ug/mL for 24 h as described under Materials and Methods. Apoptosis was analyzed and quantified by TUNEL staining. Asterisk indicates $p < 0.0024$ with the Bonferroni correction.



Supplemental Figure S2. HM-10/10 peptide mitigates NaIO₃-induced apoptosis of hFRPE cells. hFRPE cells were incubated with HM-10/10 peptide at 10 ug/mL, or NaIO₃ at either 200ug/mL or 500ug/mL, or treated with NaIO₃ and HM-10/10 together, for 12 h or 24 h as described under Materials and Methods. Apoptosis was analyzed and quantified by TUNEL staining. Asterisk indicates $p < 0.0036$ with the Bonferroni correction.



Supplemental Figure S3. Establishment of effective NaIO₃ dosing in C57BL6/J mice. C57BL6/J male mice were injected with different doses (as shown) of NaIO₃ via tail vein. After a week on a standard chow diet retinal damage was analyzed. (A) Representative OCT images. (B) Retinal thickness measured as described under Materials and Methods. Asterisk indicates $p < 0.0083$ with the Bonferroni correction.