

Figure S1. Morphology of living MIO-M1 cells (A) and of MIO-M1 cells after fixation for 20 min in 4% paraformaldehyde in PBS and permeabilization with 0.3% Triton X-100 in PBS for 5 min (B). DIC microscopy. Scale bar, 100 μm .

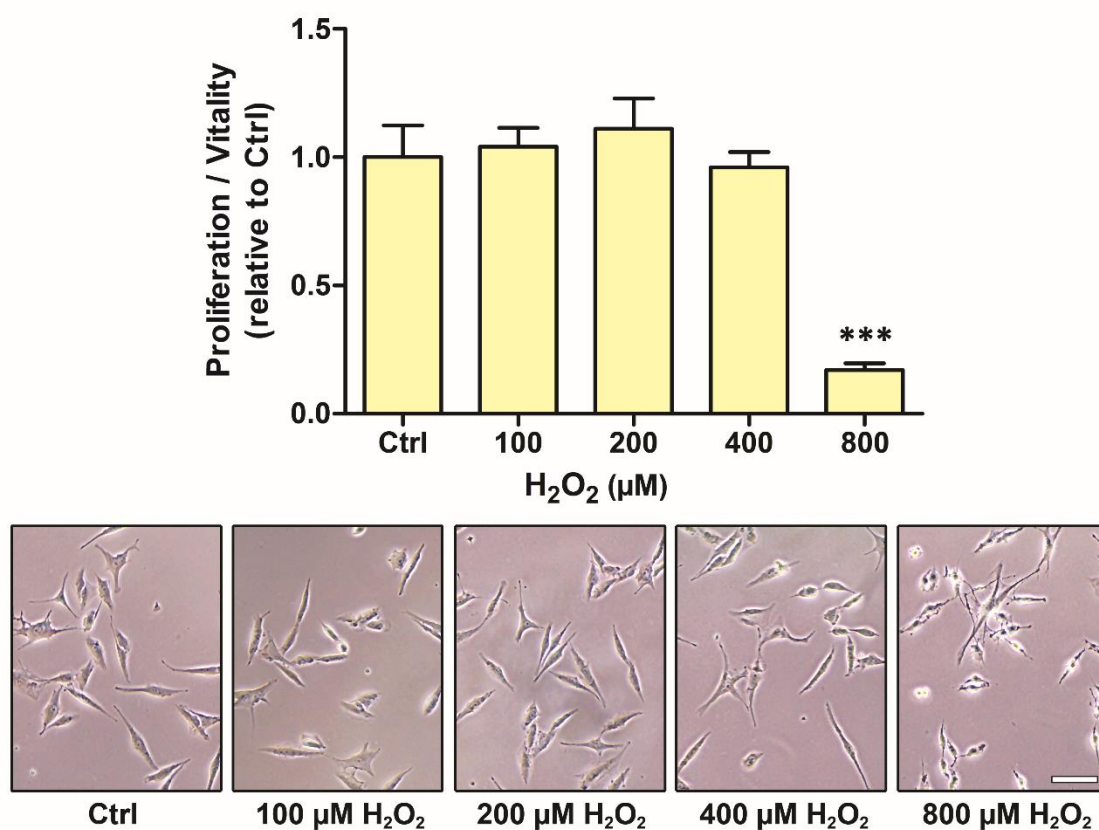


Figure S2. Proliferation/vitality of MIO-M1 cells treated with different doses of H_2O_2 to determine the H_2O_2 concentration to be used in the experiments with MIO-M1 cells. *** $p < 0.001$ relative to controls (Ctrl). $n = 4$. The photomicrographs were taken with DIC microscopy. Scale bar, 100 μm .

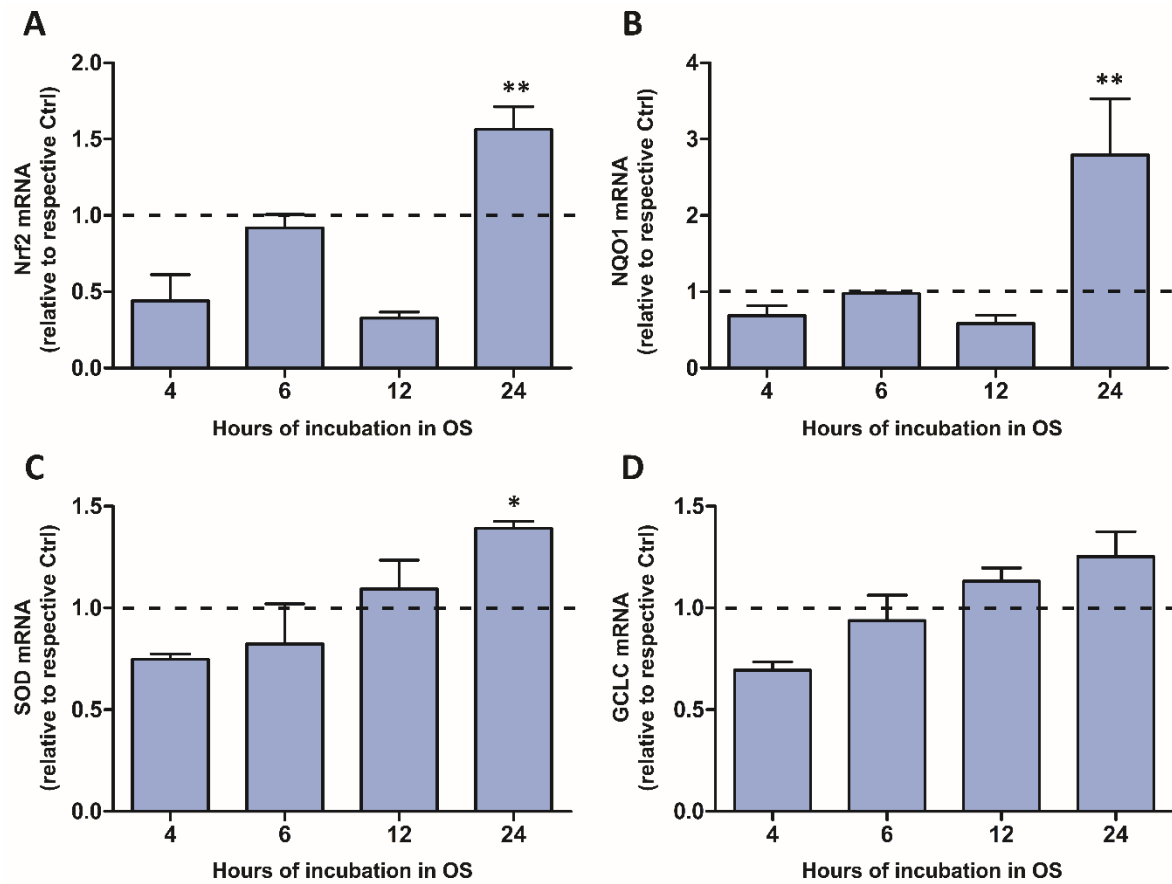


Figure S3. Time course of *Nrf2* and of oxidative stress marker expressions in response to OS to determine the shortest incubation time for detecting an effect of OS in retinal explants. * $p < 0.05$, and ** $p < 0.01$ relative to the respective control, represented by the dashed line. Two-way ANOVA followed by Bonferroni post-hoc test. $n = 3$.