Supplementary Figure S1. The quantitative pixel brightness values were expressed as the area of under curve which means total sum of pixel value in the analysis line length. Red analysis line = 500 μm

Supplementary Figure S2. Time course of IOP changes in the sham (n = 6) and experimental glaucoma (n = 6) groups. Although IOP tended to be higher in the laser group compared to the no-laser group (sham), statistical significance was observed in only day 1 (p * < 0.05 vs. sham).