Supplemental Figure 1

Supplemental Figure 2
Supplemental Figures

**Suppl-Figure 1.** Retinal sections immuno-stained by DAPI showed that the overall morphology of retinas at 1-hour and 1-day after laser treatment was largely normal compared to controls. Scale bar: 100 µm. ONL: outer nuclear layer; INL: inner nuclear layer; GCL: ganglion cell layer.

**Suppl-Figure 2.** Two examples of RGCs with abnormal dendritic morphology in hypertensive eyes. The RGC on the left had a primary dendrite with only proximal segments, and right showed a RGC with contorted dendrites that seemed to loop and fold back (red stars). Scale bar: 100 µm.