Blue Light-Induced Retinal Neuronal Injury and Amelioration by Commercially Available Blue Light-Blocking Lenses

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Supplementary Materials

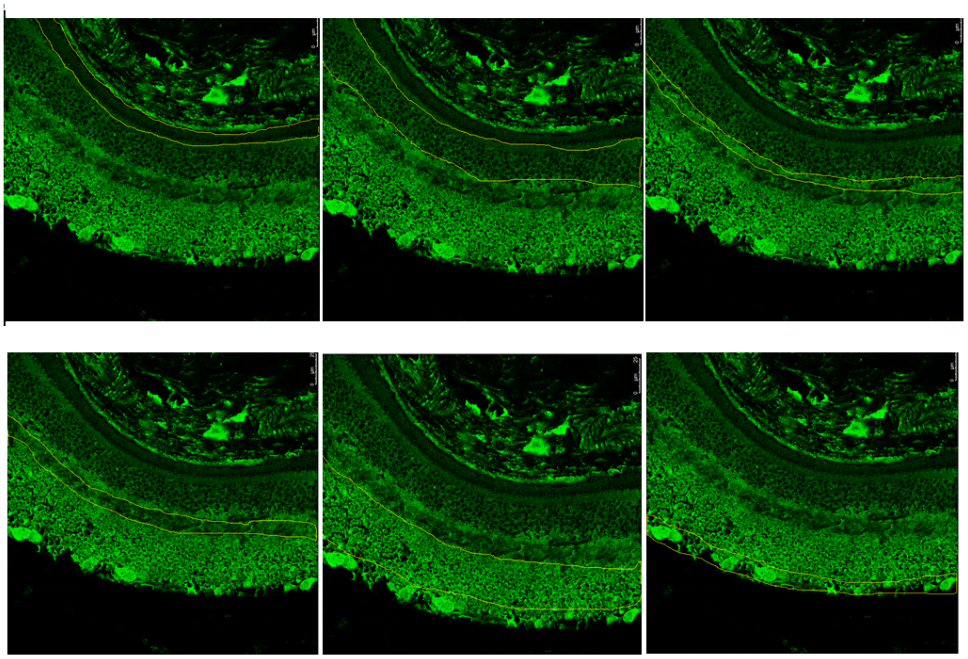

Figure S1. Illustration of segmentation of retinal layer for quantification of fluorescence intensity. To account for background fluorescence, each layer is expressed relative (%) to the average brightness of the entire retina.

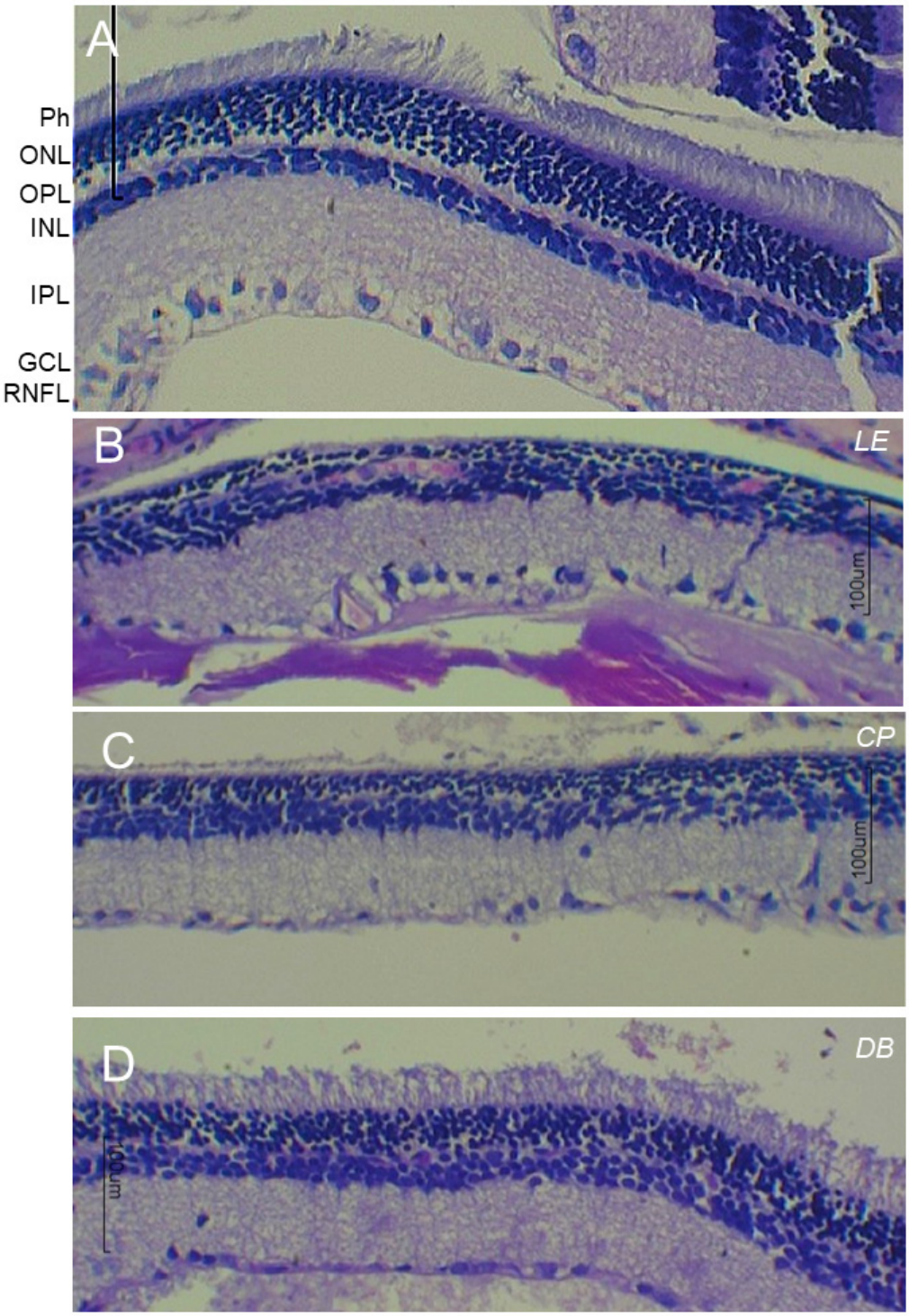

Figure S2. Large images of retinal cross section shown in Figure 3 for a normal control (NC, **A**), blue light exposure (LE, **B**) and lens protection (CP and DB, **C** and **D**) groups after 28 days of light exposure. Scale bar = 100 µm. Photoreceptor, Ganglion cell layer (GCL), inner nuclear layer (INL), inner plexiform layer (IPL), outer plexiform layer (OPL), and outer nuclear layer (ONL), retinal nerve fiber layer (RNFL).