

**Intravitreal injection of liposomes loaded with a histone deacetylase inhibitor promotes
retinal ganglion cell survival in a mouse model of optic nerve crush**

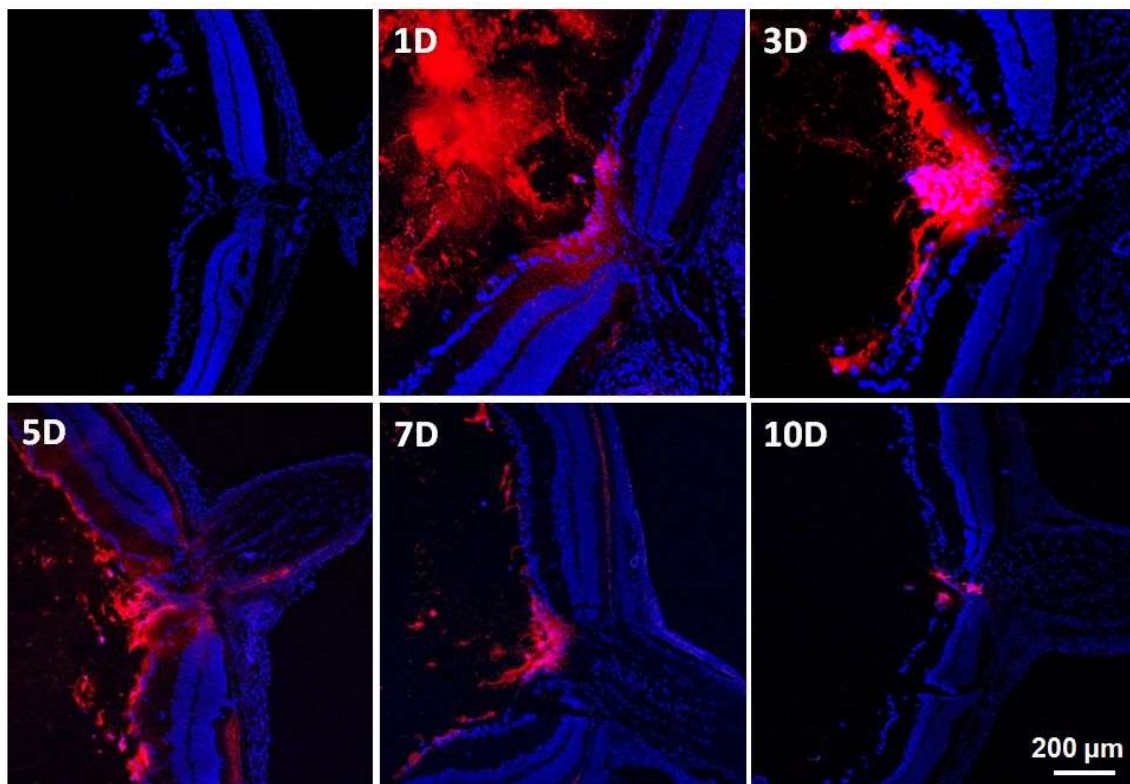
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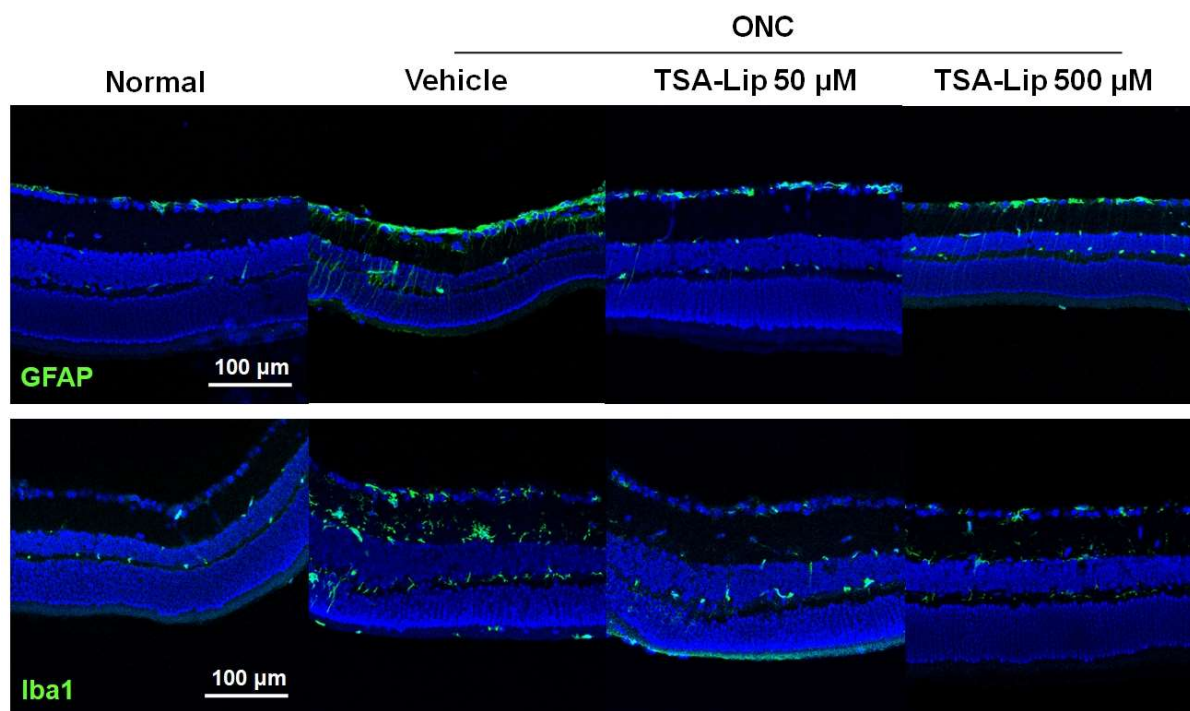
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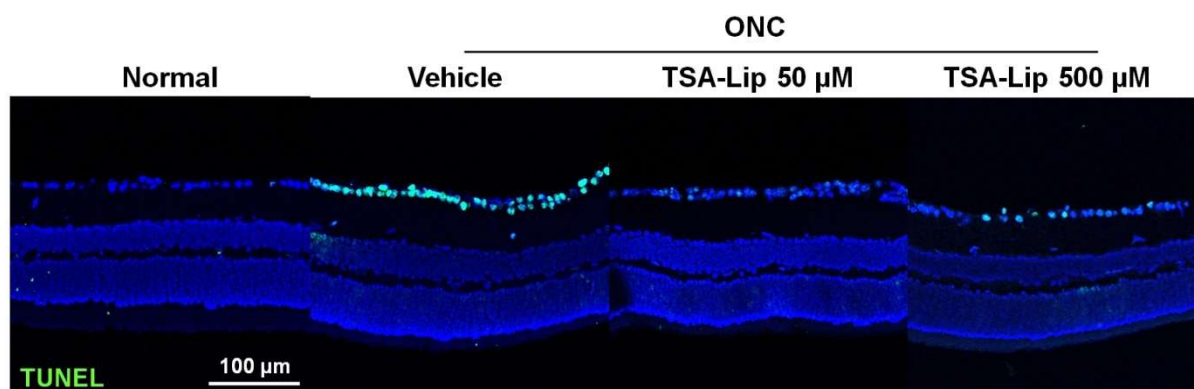
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Supplementary Figure S1. Temporal distribution of intravitreally injected liposomes with lower magnification. Images were taken from the central retina including optic nerve head. Fluorescence microscopic images of the retina at different time points after intravitreal injection of liposomes loaded with lipophilic fluorescence dye (red) are presented. Blue color = 4',6-diamidino-2-phenylindole (DAPI) staining of retinal cell nuclei; Scale bar = 200 μ m



Supplementary Figure S2. Immunohistochemical staining images with lower magnification for GFAP and Iba1 in retinas at 7 days after ONC. TSA-Lip 50 μ M = liposomes loaded with 50 μ M TSA; TSA-Lip 500 μ M = liposomes loaded with 500 μ M TSA; Scale bar = 100 μ m.



Supplementary Figure S3. TUNEL staining images with lower magnification at 7 days after ONC. TSA-Lip 50 μ M = liposomes loaded with 50 μ M TSA; TSA-Lip 500 μ M = liposomes loaded with 500 μ M TSA.