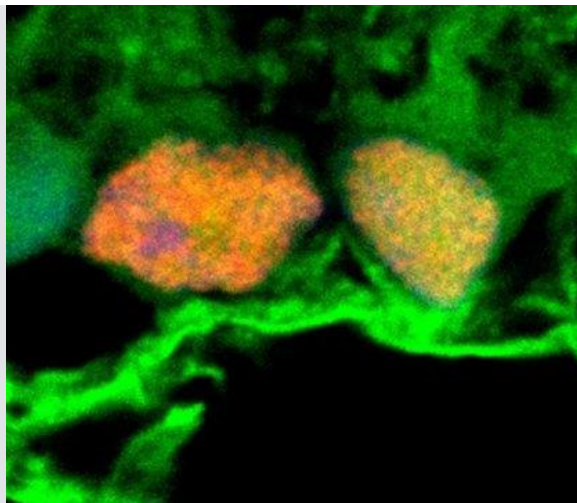


Stem cell secretions may protect against glaucoma

Scientists find that stem cell exosomes promote survival of retinal ganglion cells in rats

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Stem cell secretions, called exosomes, appear to protect cells in the retina, the light-sensitive tissue in the back of the eye, a new study in rats shows. The findings point to potential therapies for glaucoma, a leading cause of blindness in the United States.



Microscopy image shows exosomes (green) surrounding retinal ganglion cells (orange and yellow).

A new study in rats shows that stem cell secretions, called exosomes, appear to protect cells in the retina, the light-sensitive tissue in the back of the eye. The findings, published in *Stem Cells Translational Medicine*, point to potential therapies for glaucoma, a leading cause of blindness in the United States. The study was conducted by researchers at the National Eye Institute (NEI), part of the National Institutes of Health.