Reviewer's report

Title: Lipofuscin Accumulation and Autophagy in Glaucomatous Human Lamina Cribrosa Cells.

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Reviewer: Paloma Liton

Reviewer's report:

The manuscript by McElnea et al. reports lipofuscin accumulation and increased expression of autophagy markers in the glaucomatous human lamina cribrosa. Overall the manuscript is interesting and timely manner.

Minor points are:
- Higher exposure films of beta-actin will be helpful in evaluating the differences in expression of LC3-II and Atg
- A no-primary control is needed in the immunohistochemistry experiments. Also, it would be helpful to equal background levels between glaucoma and no-glaucoma.
- mRNA levels of CTSK evaluates expression, no activity.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
'I declare that I have no competing interests