Reviewer’s report

Title: Effects of Scleral Collagen Cross-linking using Genipin on the Process of Form-deprivation Myopia in the Guinea Pig: a randomized controlled experimental study

Version: 3  Date: 19 May 2015

Reviewer: MARCEL Y AVILA

Reviewer’s report:

Major Revisions
The authors used genipin to control myopia in a model of this disease in mammals and their result could be extrapolated to other mammals, some points must be mentioned or addressed by the authors to make a better paper.

This points
Are IOP changes? or are some changes in the optical nerve? A subset of photos of the Optic nerve would be great to solve this point and mention this limitations in the discussion.

Minor revisions
How the number of animals were calculated?

22 Subtenon injection thrice changed by subtenon injections at day 0, 7 and 14
53 change nice by other more suitable adjective good or some like that
54 11 reference of the exvivo toxicity in cornea must be mentioned
69 FD and CRX must be changed to complete sentence
75 However must be changed by…. In this group a intervention was done ....
137 The authors are discussing the results, they just mention that there was not myopia in the FD C group and reserve the other part for the discussion
150 Authors must mention the optic nerve as if is feasible to show photos of this structure since a change in the Intraocular pressure could be obtained and induce some changes in the optic nerve
180 Authors may mention that injection will not require UV devices as well as the irradiation of the area and not only to mention that requires a less time for the intervention

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.
Declaration of competing interests:
I declare that I have no competing interest