Reviewer's report

Title: Rapamycin Prevents Retinal Neovascularization by Downregulation of Cyclin D1 in a Mouse Model of Oxygen-Induced Retinopathy

Version: 1 Date: 05 Dec 2019

Reviewer: Reviewer 2

Reviewer's report:

PEER REVIEWER ASSESSMENTS:

OBJECTIVE - Full research articles: is there a clear objective that addresses one or several testable research questions? (Brief or other article types: is there a clear objective?)

Yes - there is a clear objective

DESIGN - Is the current approach (including controls and analysis protocols) appropriate for the objective?

No - there are minor issues

EXECUTION - Are the experiments and analyses performed with sufficient technical rigor to allow confidence in the results?

No - there are minor issues

STATISTICS - Is the use of statistics in the manuscript appropriate?

Yes - appropriate statistical analyses have been used in the study

INTERPRETATION - Is the current interpretation/discussion of the results reasonable and not overstated?

No - there are minor issues

OVERALL MANUSCRIPT POTENTIAL - Has the author addressed your concerns sufficiently for you to now recommend the work as a technically sound contribution? If not, can further revisions be made to make the work technically sound?
Probably - with minor revisions

PEER REVIEWER COMMENTS:

GENERAL COMMENTS: The authors have responded to the queries from previous reviewers. Still, there are some basic language errors that need to be corrected. The paper should be edited by professional language editors.

REQUESTED REVISIONS:

Based on the previous reviewers' comment the authors have mentioned that they did not notice any side effects in the mice. (i) They need to clearly explain what parameters have been assessed to show that there are no side effects of the drug.

(ii) A lot of mistakes in language, for example, fig.1 legend shows perfused well vessels instead of well-perfused vessels. Euthansian is used instead of euthanasia, intraperitoneally injection instead of intraperitonal.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published
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