Reviewer’s report

Title: Islet transplantation improved penile tissue fibrosis in a rat model of type 1 diabetes

Version: 0 Date: 30 Jan 2018

Reviewer: Gustavo Santos

Reviewer’s report:

The present manuscript entitled "Islet transplantation improved penile tissue fibrosis in a model of diabetic rat" shows that islet transplantation promotes smooth muscle cells regeneration and improves corpus cavernosum fibrosis, restoring the normal rectile function in diabetes rats. Moreover, the authors present molecular evidences that it occurs through the inhibition of TGF-beta1/Smad2/CTGF pathway.

Despite the relevance of the findings it is very impossible to get all the informations of the paper due to an bad written english.

The manuscript, to be accepted, need extenselly English revision and the authors need to keep a formal english for a write an manuscript.

There are parts of the text that only observing the context I was able to understand what were written.

In adition, the figures are poorly edited, the aesthetics of the figures are deplorable.

The idea and the relevance are great for the field, but the edition, the figures and the written English need a giant improvement to be published.

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

Yes

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

Yes

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

Yes
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:

Not suitable for publication unless extensively edited

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