

## **Response to Reviewer 1 Comments:**

**Comment 1:** Despite the interesting topic and the meritory work of the single Author, the help of an ophthalmologist may greatly enhance the content of this paper, which at times is messy and confused; in fact, it is clear that the Author does not know much about many of the ophthalmological topics that are reported in the manuscript (see for example pegaptanib discontinuation).

**Answer:** Thanks for your suggestion, I have tried my best to update it accordingly. I am planning to collaborate with an ophthalmologist.

**Comment 2:** In the Introduction too much space is dedicated to ophthalmological diseases without arising much interest and poorly defining them, and the main topic of the paper (CRISPR/Cas9 System) is not clearly defined;

**Answer:** Thanks for your comments. I have edited it accordingly from line 60 to 76 highlighted in yellow color in the revised manuscript

**Comment 3:** Paragraph 3 briefly describes therapeutic approaches and should be improved, including the recent problems regarding Argus II retinal prosthesis.

**Answer:** Thanks for your comments. In heading 3 updated information regarding Argus II retinal prosthesis have be added from line 168 to 185.

**Comment 4:** Paragraph 4, the main point of interest of this paper, is very difficult to read and should undergo a major English revision, as it should be done in the whole paper.

**Answer:** Thanks for your comment. The paper has been thoroughly edited/revised by native English expert.

**Comment 5:** Figure 1: replace “kncok” with “knock”.

**Answer:** The mentioned term has been corrected in Figure 1.