Dr. Phillip Steindel  
Review Editor  
*Journal of Visualized Experiments*

Ref:  *JoVE* Manuscript JoVE59222, Assessment and characterization of hyaloid vessels in mice

Dec 6th, 2018

Dear Dr. Steindel:

We thank you for handling our article and your decision letter again dated Dec 5th, 2018. We appreciate your comments.

We have revised the manuscript accordingly and addressed all raised concerns which are detailed in the attached point-by-point response letter. The main changes are:

1. We have revised the Introduction to avoid overlapping with previous work.

2. We have highlighted (in yellow) less than 2.75 pages that identify the essential steps of the protocol for the video.

We provided for your review a separate file of the track-changed (in red) manuscript with all requested changes highlighted.

We appreciate your suggestions, and hope that the revised manuscript is now acceptable for publication in JoVE.

Sincerely,

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**Point by Point Response to the Editor**

**Editorial comments:**

**1. Please rewrite the title to avoid the use of a subtitle (not just the use of a colon); e.g., just “Assessment and characterization of hyaloid vessels in mice”.**

**Response:** We have removed the subtitle and changed the title to “Assessment and characterization of hyaloid vessels in mice”.

**2. Please revise the Introduction to avoid overlap with previous works (see attached iThenticate report).**

**Response:** We have revised the Introduction to eliminate overlap with previous work.

**3. Protocol: Formatted per JoVE guidelines (spaces between steps, all text aligned to the left margin; see attached manuscript), the protocol is longer than 2.75 pages long, our limit for filming. Please highlight 2.75 pages or less of the Protocol (including headers and spacing) that identifies the essential steps of the protocol for the video, i.e., the steps that should be visualized to tell the most cohesive story of the Protocol. Remember that non-highlighted Protocol steps will remain in the manuscript, and therefore will still be available to the reader.**

**Response:** We have highlighted less than 2.75 pages (in yellow) that identify the essential steps of the protocol for the video.

**4. Current Protocol Section 1: Please provide information at the end regarding recovery from anesthesia.**

**Response:** We have included the recovery step from anesthesia in Protocol, Part I, 1.4.

**5. Figure 3: There are 2 scale bars here; please explain both. Also, they are in panel B, not panel A (as seems to be indicated).**

**Response:** Both of the X and Y scale bars in Figure 3 represent 100 µm. We have reworded as “Both scale bars” to avoid confusion (track-changed in red). They are indeed in the second (right) image of Panel A (top two images) for OCT images. Images in Panel B (bottom two) are from FFA live photos without applicable scale bar.

**6. Figure 4: Please explain the scale bars in the legend. Also, please explain what statistical test was used to get the given P-value.**

**Response:** We have reworded as “All scale bars” in the legend (track-changed in red). We have added in legend description that two-tailed Student’s *t*-test was used for statistical analysis.