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Düsseldorf, August 1st, 2018

**Revision: “Using optical coherence tomography and optokinetic response as structural and functional visual system readouts in mice and rats”, Journal of Visualized Experiments ID#: JoVE58571R1**

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| Avital Braiman, Ph.D.  Director of Editorial  Journal of Visualized Experiments |

Dear Ms. Avital Braiman,

please find attached the revised version of our manuscript entitled “Using optical coherence tomography and optokinetic response as structural and functional visual system readouts in mice and rats” (**Journal of Visualized Experiments ID#: JoVE58571R1**).

We would like to thank the editor for the further comments on the protocol. Please find a point-by-point response to all comments below. Furthermore, we are submitting a version of the manuscript in which all changes from the previous version have been marked using the “track changes” function.

The material enclosed has not been submitted for publication nor has it been published in whole elsewhere. I attest to the validity and legitimacy of the data and its interpretation. All authors listed on the title page qualify for authorship, have read the manuscript and agree to its re-submission to the Journal of Visualized Experiments.

Thank you very much for your consideration.

Yours sincerely

Unterschrift Albrecht

Philipp Albrecht, MD

Revising and ‘Response to Editor’

**Editorial comments:**

1. Please take this opportunity to thoroughly proofread the manuscript to ensure that there are no spelling or grammar issues.

Response: We have reviewed and revised the manuscript for spelling and grammar issues.

2. 2. Please do not highlight notes for filming.

Response: We removed the highlights from the notes.

3. Please specify that the animal is not left unattended until it has regained sufficient consciousness to maintain sternal recumbency.

Response: Thank you for the remark, we added the following passages to the protocol: “1.3.9 Apply ophthalmic gel on the eye of the rodent to prevent dehydration and put the animal in a separate cage with a heat source.” and “1.3.10 Supervise the rodent until it has fully recovered from anesthesia. When the animal is ambulatory, return it to the home cage.”

4. Please specify that the animal that has undergone surgery is not returned to the company of other animals until fully recovered.

Response: Please see response above, new protocol steps 1.3.9 and 1.3.10.

5. Please sign the new Author License Agreement, which is attached to this email. Please upload it to your Editorial Manager account when you submit your revision.

Response: We will provide the new Author License Agreement during submission.