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(Bitte bei Antwort angeben)

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Regensburg, den
20.10.2019

Submission of Revised Manuscript R1

Dear Editor,

our manuscript entitled "Stepwise dosing protocol for increased throughput in label-free impedance-based GPCR assays" has been revised a second time for the issues mentioned in your email. Please find below a point-by-point response to the various issues. We hope that our study is now acceptable for the "Journal of Visual Experiments".

On behalf of all co-authors, yours sincerely

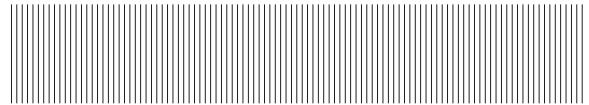
Joachim Wegener

Editor / Reviewer Comments blue
Authors' Response black

Editorial comments:

The manuscript has been modified and the updated manuscript, **60686_R1.docx**, is attached and located in your Editorial Manager account. **Please use the updated version to make your revisions.**

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



We have checked and revised the manuscript for spelling and grammar issues using the software-based spell checker and careful reading. To the best of our language skills the text should now be appropriate.

2. Please avoid long notes (4 lines).

We have boiled down all *notes* down to no more than 4 lines except for one single case, in which we describe the calculation of the concentration scheme. Here, we consider it essential to be more detailed. Putting it some other place would make the manuscript less readable and instructive.

3. There are two step 3.3.4. Please fix.

The numbering has been corrected. However, we did not find a problem with step 3.3.4 (there is no step 3.3.4) but we corrected the numbering of steps 6.3.5 through 6.3.11 in the revised manuscript.

4. There are two step 3.3.7. Please fix.

The numbering has been corrected. However, we did not find a problem with step 3.3.7 (there is no step 3.3.7) but we corrected the numbering of steps 6.3.5 through 6.3.11 in the revised manuscript.

5. There are two step 3.3.8. Please fix.

The numbering has been corrected. However, we did not find a problem with step 3.3.8 (there is no step 3.3.8) but we corrected the numbering of steps 6.3.5 through 6.3.11. in the revised manuscript.