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February 3, 2020

Dr. Kyle Jewhurst  
Journal of Visualized Experiments  
1 Alewife Center, Suite 200  
Cambridge, MA 02140

Dear Dr. Jewhurst,

Please find attached our resubmission of the manuscript, "A confocal microscope-based laser ablation and regeneration assay for zebrafish interneuromast cells," JoVE 60966. We appreciate the editorial comments and valuable feedback from the reviewers, and feel that this review process has allowed us to considerably strengthen our manuscript. We have addressed to the best of our ability the majority of concerns raised by reviewers, including the following major concerns:

- We have included data representing 50 trials of our protocol to support reliability and reproducibility.
- Figure 1, which was described as not "particularly useful or interesting" has been replaced.
- Additional figures and Results have been added to demonstrate the efficacy of cell ablation and the minimal damage to surrounding tissues.
- An additional figure was added to represent use of this technique for ablating a different cell type (sensory hair cells), demonstrating flexibility and broader applicability.

We have also made every effort to adhere to the editorial review comments by removing commercial language and personal pronouns, as well as other suggestions made by the editors. This revision was developed in consultation with all coauthors, each of whom has approved of this final version. Please let us know if you have any remaining questions or concerns regarding our resubmitted manuscript.

Best Regards,

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