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| COLLEGE OF MEDICINE  Department of Surgery  Holland Regenerative Medicine Program |

Oct. 10, 2018

Dr. Bing Wu, Ph.D.

Review Editor of JoVE

Dear Dr. Wu,

Many thanks for your email dated 9/28/2018 (JoVE58918R1). We have made all the changes (highlighted with green pen in the revised manuscript) suggested by the Editor. We are resubmitting this revised manuscript. Here we would like to specifically address the editorial comments.

Editorial comments:

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

We have thoroughly proofread the manuscript.

1. Unfortunately, there are a few sections of the manuscript that show significant overlap with previously published work. Though there may be a limited number of ways to describe a technique, please use original language throughout the manuscript. Please check the iThenticateReport attached to this email.

We have revised the sections.

3. Step 1.1: How much PCL is used?

2 g. This has been added to the revised manuscript.

4. 1.3.1: Please write this step in imperative tense. How much solution is prepared?

We have made changes. 20 mL solution.

5. 3.2: Please ensure that all text is written in imperative tense.

We have made changes.

6. 4.1: Please ensure that all text is written in imperative tense.

We have made changes.

7. 5.4: Please ensure that all text is written in imperative tense.

We have made changes.

8. 6.3.1: Please ensure that all text is written in imperative tense. Please mention how animals are anesthetized and how proper anesthetization is confirmed.

We have made changes.

9. 6.3.2: Please ensure that all text is written in imperative tense.

We have made changes.

10. 6.3.3: Please ensure that all text is written in imperative tense.

We have made changes.

Sincerely,



Jingwei Xie, Ph.D.

Assistant Professor, Department of Surgery and Holland Regenerative Medicine Program

University of Nebraska Medical Center