We thank the editors for their comments to improve the manuscript and get it ready for filming. Based on these comments, we have made changes throughout the manuscript as suggested by the editors. These changes are highlighted by *tracked changes* in the manuscript. With these additional edits, we hope that our revised manuscript will be acceptable for publication in JoVe.

Our point by point response to the editor’s comments is found below in blue.

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

We have gone through the document and have edited for spelling and grammar issues.

2. The highlighted protocol steps are over 2.75 page limit (including headings and spacing). Please reduce the amount of highlighted protocol steps.

We have reduced the highlighted portions so that there is only 2.2 pages highlighted.

3. Please revise the text in Protocol to avoid the use of any personal pronouns (e.g., "we", "you", "our" etc.).

We have eliminated personal pronouns in the protocol sections of the manuscript.

4. Reference 7: Please include the source (journal name).

We provided the journal name of *Nano Letters* and change it in the text.

5. Step 4.5: Please ensure that all text is written in imperative tense.

We have altered Step 4.5 to a note, because it needs to be a conditional statement/inflection point.

6. 4.1.1: Please specify the euthanasia method.

We have added the following statement to 4.1.2: “Animals are euthanized by exposure to isoflurane followed by cervical dislocation.”

7. Please include an ethics statement before your numbered protocol steps, indicating that the protocol follows the animal care guidelines of your institution.

We have added the following statement before the numbered steps:

“All mice were maintained per guidelines approved by the Johns Hopkins University’s Institutional Review Board.”