**Editorial comments:** *1. Editor modified the formatting of the manuscript and made minor copy-edits. Please maintain the current formatting throughout the manuscript. You can find the updated manuscript attached to this e-mail.*

**Answer: The editor’s comments and modifications have been kept in the uploaded manuscript, and the authors’ modifications are also kept.**

*2. Please include at least six keywords.*

**Answer: More key words have been added to the KEYWORDS section, please refer to the manuscript.**  *3. In the Long Abstract, please include a statement that clearly states the goal of the protocol. For example, “This protocol/manuscript describes…”*

**Answer: The goal of this protocol is to develop an *in-vitro* unfolded hippocampus with an intact neural network. This goal has been added to the LONG ABSTRACT section in the required format.**

*4. Editor added track changes to the word document of your manuscript, attached to this email, mainly to ensure that each step is written in the imperative tense. Any text that could not be written in the imperative tense was added as a brief “Note”. Please approve/revise all track changes.*

**Answer: All the editor’s changes have been kept. And the rest of the sentence in the PROTOCOL section has been changed into imperative tense.**

*5. After you have made all of the recommended changes to your protocol (listed above), please re-evaluate the length of your protocol section. There is a 10-page limit for the protocol text, and a 3- page limit for filmable content. If your protocol is longer than 3 pages, please highlight 2.75 pages or less of text (which includes headings and spaces) to identify which steps should be visualized to tell the most cohesive story of your protocol steps. Please see JoVEs instructions for authors for more clarification. Remember that the non-highlighted protocol steps will remain in the manuscript and therefore will still be available to the reader.*

**Answer: After revising, our protocol is within 3 pages and the steps we list are those filmable contents.**

*6. The last two paragraphs of the Representative Results section are more suited to the Discussion where critical steps and limitations of the technique should be discussed. Please move these paragraphs to the Discussion.***Answer: Thank you for pointing this out. These two paragraphs are moved and integrated in the DISCUSSION part.**

*7. Please expand your discussion to cover critical steps within the protocol.***Answer: We have added a small paragraph to discuss about the critical steps which could help researchers to get high quality signals.**

*8. Please include “doi” in the citations according to the following format: (For 6 authors or less list all authors. For more than 6 authors, list only the first author then et al.): [Lastname, F.I., LastName, F.I., LastName, F.I. Article Title. Source.****Volume****(Issue), FirstPage – LastPage, doi:DOI (YEAR).]***Answer: The reference list is already updated.**

*9. Please remove the registered trademark symbol from the table of reagents/materials.*

**Answer: The registered trademark symbol in the table is already removed.**  *10. We are unable to include pictures in the Table of Materials. If you wish, you may create a separate figure showing the materials and include it as a figure file. If you do so, please reference the figure in the text and include a figure legend in the Figure Legends section.*

**Answer: The pictures are already removed from the Table of Materials.**