Cambridge, MA 02140 tel. 617.401.7770, ext. 701

1 Alewife Center, Suite 200 www.JoVE.com

Dear Author(s),

This document is divided into a number of sections in which you can add your comments to the video, voiceover, and online text/PDF. Please be aware that our policy is to do a single complimentary revision, so it is critical that all participants in this project offer their comments collectively. In addition, please make sure that your comments are easily interpreted and transparent.

Have fun!

Protocol Name: Fabrication of Decellularized Cartilage-

derived Matrix Scaffolds

Date: December 5 2018

Authors and Affiliations

Please fill in any missing author information not included in the video.

| Order | Author | Affiliation | Email |
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Video Comments

Please fill in any comments you wish to make using the table below using the example as a guide. If you need more space to write, please do so below the table. DO NOT ADD CORRECTIONS TO THE NARRATION HERE. PLEASE DO THIS IN THE AUDIO COMMENTS SECTION.

| | Time | Comment | Requested Change |
|---------|-------|---|---|
| | code | | |
| Example | 2:52 | Onscreen text says use 0.25 mM Fluo-4 | Text should say use 0.50 mM Fluo-4 |
| 1. | 00:01 | Onscreen text says Jos Malda ² | Text should say Jos Malda ^{1,2} |
| 2. | 02:33 | Action is not as described in the voiceover. Pre-chilling the mortar and pestle is not shown | The best way may be to view a short shot of pre-chilling the mortar and pestle as indicated by the voiceover. After that the cartilage slices can be added to the mortar and pestle |
| 3. | 04:45 | This step was redone with better scaffolds. I believe this shot uses the 'bad' scaffolds | The shot with the other scaffolds can be used (they are marked with an additional '.1' to the shot name). |
| 4. | 00:29 | Text: 'II. Harvesting articular cartilage from donor(cadaveric) joint' is presented too short on the screen to be able to read | Present shot for a longer time. |
| 5. | 03:32 | Text: 'IV. Creating Scafolds from the decellularized particles' is presented too short on the screen to be able to read | Present shot for a longer time. |
| 6. | 05:49 | Text: 'VI. Results: histological characterization of the decellularized cartilage- derived scaffolds' is presented too short on the screen to be able to read | Present shot for a longer time. |

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Audio Comments

This section is used to specify the changes that need to be made to the narration. Please follow the example below as a guide to list your changes. If there is a pronunciation change, please provide a phonetic pronunciation key.

| | Time code | Comment | Step(s) in Shotlis t | Rewritten Text or Corrected Pronunciation (highlight in bold) |
|-------------|-----------|---|-------------------------------|--|
| Exampl e | 1:49 | Original Script Text: "Then, show the participant their electromyography, or EMG patterns, which correspond to eight specific and unique polar plots." | 2.2 | Rewritten Script Text: "Then, show the participant the unique and specific polar plots, which correspond to their electromyography, or EMG (pronounced E-M-G) patterns." |
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |

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Online Text/PDF Protocol

Please use this table to address changes that need to be made to the online text/PDF document. Both the online text and PDF are generated from the HTML template of your article. Since the PDF is generated from the HTML by our conversion software, it may contain formatting errors. For major structural changes or more than 10 spelling or grammatical mistakes, we will require reupload of the entire document.

| | Protocol Step | Comment | Requested Change (highlight in bold) |
|---------|--|---|--|
| Example | 1.1 | Step says "Centrifuge lysate at 2,000 x g." | Please correct to "Centrifuge lysate at 4,000 x g." |
| 1. | Are affiliations mentioned in the PDF? if Yes: | Text says Jos Malda ² | Text should say Jos Malda ^{1,2} |
| 2. | Page 1 | Text says: Citation: Benders, K.E., | Text should say: Benders, K.E.M., |
| 3. | Page 3 | Enter between step 6.1 and 7 | Removing the enter (white space) |
| 4. | Page 4 | Text says: 57.8 10 ng/mg | Text should say: 13.6 ± 2.3 ng/mg |
| 5. | Materials and methods | Text says: Superlight S UV | Text should say: Superlite S UV |