

Format for ANSWERING REVIEWERS

March 12, 2015

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: 16897-review.doc).

Title: Evaluation of biodegradable electric conductive tube-guides and mesenchymal stem cells (MSCs).
Basic research manuscript.

Author: Jorge Ribeiro, Tiago Pereira, Ana Rita Caseiro, Paulo Armada-da-Silva, Isabel Pires, Justina Prada, Irina Amorim, Sandra Amado, Miguel França, Carolina Gonçalves, Maria Ascensão Lopes, José Domingos Santos, Dina Morais Silva, Stefano Geuna, Ana Lúcia Luís, Ana Colette Maurício.

Name of Journal: *World Journal of Stem Cells*

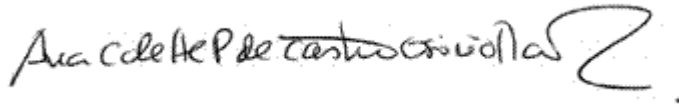
ESPS Manuscript NO: 16897

The corrections introduced are highlighted in yellow by the authors. The manuscript has been improved according to the suggestions of reviewers and editor.

1. Format has been updated according to Journal guidelines.
2. Revision has been made according to the suggestions of the reviewers.
 - 2.1. It was included in the manuscript the ETHICS-RELATED STATEMENTS including Institutional review board statement, Institutional animal care and use committee statement, Biostatistics statement, Conflict-of-interest statement, and Data sharing statement. Also, the statements and the animal experimentation authorization and accreditation of the corresponding authors have been uploaded together with the manuscript files.
 - 2.2. The abstract has been revised according with editor and reviewer#2 suggestions.
 - 2.3. Figure 1 labels were corrected.
 - 2.4. The SD values in Table 1, 2, 3 and 4 were formatted according to reviewer# suggestion.
 - 2.5. The Figures numbers were corrected and now the figures are listed in order along the manuscript. Also, all the figures were uploaded separated from the revised manuscript as separated files in jpeg format.
 - 2.6. The *Comments* section was included according to editor guidelines.
 - 2.7. An audio file considering the *Core tip* was uploaded.
 - 2.8. The author Dina Silva requested that her name was corrected as Dina Morais Silva and the author Sandra Amado requested that CIPER-FMH: Centro Interdisciplinar de Estudo de Performance Humana, Faculdade de Motricidade Humana (FMH), Universidade de Lisboa (UL), Estrada da Costa, 1499-002, Cruz Quebrada – Dafundo, Portugal, was added to her filiations.

3. References and typesetting were corrected, including the inclusion of DOI in all references listed in the manuscript.

Thank you again for publishing our manuscript in the *World Journal of Stem Cells*. Best regards,

A handwritten signature in black ink, reading "Ana Colette Maurício". The signature is fluid and cursive, with a large, stylized flourish at the end.

Prof. Ana Colette Maurício (corresponding author)

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Porto, 04 of May, 2015

Dear Dr. Sonntag
Journal Editor-in-Chief
World Journal of Stem Cells

Subject: Re-submission of the full paper revised by the authors entitled *Evaluation of biodegradable electric conductive tube-guides and mesenchymal stem cells*. Manuscript number **16897**.

Enclosed you will find the paper entitled “*Evaluation of biodegradable electric conductive tube-guides and mesenchymal stem cells*” by Jorge Ribeiro, Tiago Pereira, Ana Rita Caseiro, Paulo Armada-da-Silva, Isabel Pires, Justina Prada, Irina Amorim, Sandra Amado, Miguel França, Carolina Gonçalves, Maria Ascensão Lopes, José Domingos Santos, Dina Morais Silva, Stefano Geuna, Ana Lúcia Luís, Ana Colette Maurício to be re-submitted for publication in *the World Journal of Stem Cells*.

All the comments and corrections suggested by the Editor-in-Chief were included in this revised version. The authors highlighted in yellow the revisions / corrections introduced in the revised manuscript. According to Editor-in-Chief comments, the following revisions and corrections were included:

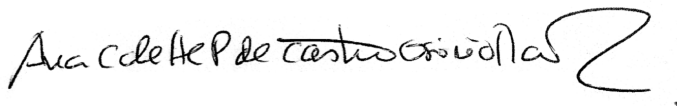
1. The abbreviations clarifications were included along the manuscript.
2. The significant data points in the tables were labeled. In Table 1, the significant data points were labelled with * and it was included in the table legend “*P < 0.01 versus Graft”. In Table 2, the significant data points were labelled with * and it was included in the table legend “*P < 0.05 .vs End-to-End”. In Table 4, the significant data points were labelled and it was included in the table legend the following sentence: “^aP < 0.05 .vs PVA-CNT-MS; ^bP > 0.05 .vs End-to-End; ^cP > 0.05 .vs Graft”.
3. The text was revised by an English native professor and some sentences and paragraphs were simplified.
4. The reference for unpublished material was removed.

5. In Table 1 and Table 2, “Date” was replaced by “Time”.
6. The References formatting was revised.

Thank you in advance for your comments and corrections, which have improved the manuscript quality.

Best regards,

On behalf of all authors,

A handwritten signature in black ink, appearing to read 'Ana Colette Maurício', followed by a large, stylized flourish or 'Z' shape.

Prof. Ana Colette Maurício (corresponding author)

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