

Porto, 11 of March, 2015

Dear Editor

World Journal of Stem Cells.

Subject: Biostatistics statement concerning the full paper entitled *Evaluation of biodegradable electric conductive tube-guides and mesenchymal stem cells (MSCs)*.
Manuscript revision N° **ID: 16897**.

The paper entitled “*Evaluation of biodegradable electric conductive tube-guides and mesenchymal stem cells (MSCs)*” Manuscript revision N° **ID: 16897** 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 was submitted for publication in the *World Journal of Stem Cells*.

The statistical review of the study was performed by a biomedical statistician (PAS Armada-da-Silva, 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). Statistical review was performed before the submission. The review by the biomedical statistician was conducted with respect to the following points: (1) Statistical methods are adequately and appropriately described when they are used to verify the results; (2) Whether the statistical techniques are suitable or correct; (3) Only homogeneous data can be averaged. Standard deviations are preferred to standard errors. The number of observations and subjects (n) is given. Losses in observations, such as drop-outs from the study, are reported; (4) Values, such as ED50, LD50 and IC50, have the 95% confidence limits calculated and have been compared by weighted probit modeling (using the functions described by Bliss and Finney); and (5) The word “significantly” is

replaced by its synonyms (if it indicates extent) or the P value (if it indicates statistical significance).

On behalf of all authors,

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

Prof. Ana Colette Maurício (corresponding author)

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