

To the Editor-in-chief and the Science Editor of the *World Journal of Transplantation*,

Re: Submitted manuscript entitled “**Machine perfusion of the liver: Which is the best technique to mitigate ischaemia-reperfusion injury?**”. [Manuscript NO: 43329]

We would like to thank the editor and reviewers for the helpful comments on our submitted manuscript. In accordance with them we have revised the manuscript, and are providing a point-by-point response to the comments below. All the changes in the original manuscript are highlighted in the revised version submitted. We hope the manuscript now meets the standard expected of the *World Journal of Transplantation*.

Sincerely,

Dr Yuri Boteon and Dr Simon Afford

In response to Science Editor

We thank the editor for the comments. In accordance, we reworded the funding section to make clear that this manuscript has not received any funding, and therefore, there is no grant application form or any funding document to be mentioned. The conflict of interest statement was moved to the title page as requested. All other related documents were uploaded.

In response to reviewer 00503371

We greatly appreciate the reviewer's comments. Thanks for dedicating the time to review our manuscript.

In response to reviewer 03475636

We greatly appreciate the reviewer's comments. Regarding comment 1, whilst we completely agree with the reviewer on the importance of the PRISMA guidelines for systematic review articles, the present manuscript is an editorial, and thus those guidelines are not appropriate in this specific case. We are sorry for any misunderstanding. Thanks for taking the time to review our manuscript.

In response to reviewer 03755443

We thank the reviewer for your comments. In accordance, we have reviewed the guidelines of the *World Journal of Transplantation* and there is no limit to the number of words for this manuscript type. As the manuscript was written as an *Editorial* on the current research status of the relationship between machine perfusion of the liver and ischaemia-reperfusion injury, highlighting how it may promote the development of this research area, fulfilling, therefore, the criteria of the journal for

this type of manuscript we prefer to maintain it as an *Editorial*. Thanks for taking the time to review our manuscript.

In response to reviewer 00505382

We greatly appreciate the reviewer's comment. Thanks for dedicating the time to review our manuscript.

In response to reviewer 00057659

We thank the reviewer for your comments. We appreciate that the experienced reviewer with advanced expertise on the subject of the manuscript considered the topic interesting. Whilst we agree that this study is not an original article, and thus does not provide innovative new data in medical research, this *Editorial* brings into discussion the topic in a way never done before. Such experienced approach was possible due to the privileged position of our research group, which has one of the world's largest experiences with different modalities of machine perfusion of the liver. Therefore, we are well placed to offer readers the most up to date research status into this topic. In addition, in the penultimate paragraph we clearly stated future directions that will promote development of this discipline. To conclude, this *Editorial* fulfils all the criteria of this type of manuscript once that it offers an experienced and balanced view of this field proposing clearly future strategies to go. Thanks for taking the time to review our manuscript.