

Authors' Response to the Review Comments

Manuscript No: 46707
Article Title: Moving forward on the pathway of cell-based therapies in ischemic heart disease and heart failure – time for new recommendations?
Journal Name: World Journal of Stem Cells
Corresponding Author: Dr. Micheu Miruna Mihaela
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Dear Editor,

I am pleased to resubmit for publication the revised version of WJSC_ 46707 “Moving forward on the pathway of cell-based therapies in ischemic heart disease and heart failure – time for new recommendations?”.

I truly appreciate the time and efforts made by the editor and referees in reviewing this manuscript; their feedbacks definitely helped improving the paper.

I have addressed all issues specified in the review report, and believe that the revised version can meet the journal publication requirements (revisions highlighted in yellow). As indicated by Reviewers, I have discussed some of the precise data in the overall ESC recommendations, new strategies used presently, as well as new trends in stem cell-based therapy (such as direct cellular reprogramming *in situ* and iPSC derived cell therapy), with relevant examples from preclinical and clinical studies.

I look forward to hearing from you regarding my submission. I would be glad to respond to any further questions and comments that you may have.

Dr. Miruna Micheu