Author's response to reviews

Title: Stromal Vascular Fraction Transplantation as an Alternative Therapy for Ischemic Heart Failure: Anti-inflammatory Role

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Version: 2 Date: 27 February 2011

Author's response to reviews: see over
Dear Editors,

Thank you very much for your invaluable comments.

Herewith, I have submitted clarifications in response to the reviewer’s comments.

1. We have given detail information regarding culture medium by adding the below sentence into the methods (fifth paragraph). “Fresh DMEM culture medium without serum was used for all the injections.”

   Medium cultured with SVF or BM-MNC contains growth factors and other cytokines released by the cells and from serum. We wanted to prevent the effects of growth factors and cytokines and, therefore, we used fresh media for all the injections. We have mentioned in the methods, that we washed the cells several times and finally dissolved them in culture medium without serum.

2. Unfortunately, we are not in a position to perform Western Blot to detect protein levels. We had to take lots of tissue sections for various histological stainings and heart muscle tissue for PCR to detect several genes from infarcted region. Remaining heart muscle was inadequate to perform Western Blot to detect protein levels.

Enclosed, please find the revised manuscript “Stromal Vascular Fraction Transplantation as an Alternative Regeneration Therapy for Ischemic Heart Failure: Anti-inflammatory Role” which we would like to submit for consideration of publication in *Journal of Cardiothoracic Surgery*.

Each of the authors has made a substantial contribution to the information contained in this paper and each has approved the final manuscript. None of the authors has any direct or indirect commercial financial incentive associated with publishing this article. Neither the manuscript nor any portions thereof are under consideration by any other journal and the data have not been previously published.

We thank you in advance for your time and attention in reviewing our work and look forward to receiving your response.

Sincerely yours,

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