Reviewer’s report

Title: Isolation and Culture of Smooth Muscle Cells from Human Acute Type A Aortic Dissection

Version: 1 Date: 3 July 2012

Reviewer: song xue

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Isolation and culture of SMCs from human aortic tissue obtained during surgery was accomplished by the team.

The method of isolation and culture have been described in details.

Data and photos seem well under control with convincing results.

Discussion and conclusion only confine to the extent of isolation and culture method. There is no comparison with normal aortic specimen from patients undergoing surgery not for aortic dissection.

There are a lot of changes in genes and proteins expression in the process of aortic dissection, yet no relevant information and discussion appeared.

Language and writing are understandable revision of English language should be helpful.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

'I declare that I have no competing interests'