Reviewer’s report

Title: High shear stress suppresses proliferation and migration but promotes apoptosis of endothelial cells co-cultured with vascular smooth muscle cells via down-regulating MAPK pathway

Version: 0 Date: 27 Jun 2019

Reviewer: Alpha Diallo

Reviewer's report:

This is a well written article (very minor orthographic and language revision), with good background literature search. The right methods and statistical tools were used.

The discussion is fair and the conclusion justifiable.

Intimal hyperplasia is an established culprit in vein graft failure post coronary artery bypass graft surgery (CABG)(1). The long saphenous vein is still a favourite in such surgery and a lot of research is underway to support and extend the survival of this conduit through minimising hyperplasia( among other known adverse mechanisms) and even finding suitable synthetic alternatives (2)

Allowing for it retrospective nature, this study confirms previous findings, sheds much light on intimal hyperplasia of vein grafts in CABG surgery.

Paving the way to further research, it is set to change clinical practice and improve long term outcomes in vein graft patency.

Well done to the authors.


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An article of importance in its field

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable
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