Reviewer’s report

Title: Shear stress improves the Endothelial Progenitor Cell function via the CXCR7/ERK pathway axis in the Coronary Artery Disease cases

Version: 3  Date: 12 Jul 2020

Reviewer: Suowen Xu

Reviewer's report:

This is an excellent study evaluating the important role of CXCR7 in mediating shear stress induced protective effects in EPC. Data were consistent and convincing to support the original hypothesis. The reviewer has two comments to be addressed: whether disturbed blood flow has the opposite effect on CXCR7 expression and EPC function as opposed to fluid shear stress described here? What's the mechanism of CAD driven CXCR7 downregulation and shear induced CXCR7 upregulation, any role of mechanosensitive transcription factor KLF2? The author can use data or discuss both comments. There are some typos in title.

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If not, please explain in your comments to the authors.

Yes

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