Reviewer’s report

Title: Granulocyte colony-stimulating factor attenuates myocardial remodeling and ventricular arrhythmia susceptibility via the JAK2-STAT3 pathway in a rabbit model of coronary microembolization

Version: 1 Date: 19 Dec 2019

Reviewer: Benzhi Cai

Reviewer's report:

Dear author:

This manuscript reveals that granulocyte colony-stimulating factor can reduce myocardial cell apoptosis and inflammatory response, inhibit ventricular remodeling, and improve the function of cardiac function. The manuscript needs to be improved significantly before it is accepted for publication. My specific comments are as follows:

1. Why choose AG490 inhibitor, need to supplement other JAK2-STAT3 signaling pathway inhibitors.

2. Please correct some grammatical errors in this paper.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics
Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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