Reviewer’s report

Title: Effects of Procyanidin on Cardiomyocyte Apoptosis after Myocardial Ischemia Reperfusion in Rats

Version: 0 Date: 01 Sep 2017

Reviewer: Agnese Mauceri

Reviewer's report:

The topic is interesting and, while anti-apoptotic effect of procyanidin have been showed in other organs or on cardiomyocyte in vitro, there haven't been previous in vivo studies on procyanidin effects on post-ischemic cardiomyocyte apoptosis.

The article is well structured and clear. It requires minor revision.

Page 3, Line 3: The n. 1 reference isn't appropriate. More relevant studies say it.

The language is ok but there are some grammatical and typographical mistakes in the text. For examples:

Page 6, line 19: "ischemic" would be better than "ischemia".

Page 7, lines 40-41: "Myocardial apoptosis appeared to..." The construction of the sentence isn't very clear.

In the conclusion section it should be defined that the effect of procyanidin has been shown on rats and it can't be assumed that it is the same in human.

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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