Reviewer's report

Title: Cardiac thromboxane A2 receptor activation does not directly induce cardiomyocyte hypertrophy but does cause cell death that is prevented with gentamicin and 2-APB

Version: 4 Date: 8 December 2014

Reviewer: Jun-ichi Kawabe

Reviewer's report:

I think that the article has scientific merit demonstrating the mechanisms of the cardiotoxic effects of TXA2.
In the revised article, they have demonstrated series of data which confirm the specificity of effects of U66. There is scientific validity about the interpretation for the experiment data, including LDL leakage assay. They also well explained about the differences in effects of TXA2 agonists in the heart and cardiac muscle cells shown in previous studies.
Thus, the value of finding in this study is getting easy to understand.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

no competing interests