Reviewer’s report

Title: May toxicity of amiodarone be prevented by antioxidants? A cell-culture study.

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Reviewer: Adem Güler

Reviewer's report:

1. Is the question posed by the authors new and well defined?

The subject of the article is a clinical problem known for a long time, but the antioxidant agents they offer for prevention is quite new. There are no proven agents in prevention as authors mention in the text. The question is well defined.

2. Are the methods appropriate and well described, and are sufficient details provided to replicate the work?

The details of the study are well defined. The test they use is well known and is being used for cytotoxicity tests for decades. It is a very standard test which does not need to be supported. Details are sufficient to replicate the work.

3. Are the data sound and well controlled?

They repeated the experiments for six times. The data are well controlled. The authors perform good work with a comprehensive dose response curve for amiodarone toxicity. Discretionary Revision: Instead of the table, graphics may be given.

4. Does the manuscript adhere to the relevant standards for reporting and data deposition?

The results of the study are different from other studies, since they offer new agents for prevention of cytotoxicity. Manuscript is well written and adheres to standards for reporting and data deposition.

5. Are the discussion and conclusions well balanced and adequately supported by the data?

Discussion and conclusions are well balanced and are supported by the data. The mechanisms of amiodarone toxicity and and relation with antioxidants is told. The hypothesis is linked with these mechanisms and answer derived from the study is strengthened by explaining these mechanisms.

6. Do the title and abstract accurately convey what has been found?

The abstract convey what has been found, but the title is much like a question
trying to get attention.
Discretionary Revision: The title may be 'Amiodarone toxicity may be prevented by antioxidants'

7. Is the writing acceptable?
Yes.

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:
I declare that I have no competing interests