Reviewer’s report

Title: Subchronic toxicity, immunoregulation and anti-breast tumor effect of Nordamnacantal, an anthraquinone extracted from the stems of Morinda citrifolia L.

Version: 0 Date: 31 Aug 2017

Reviewer: Michał Bijak

Reviewer's report:

This work has very interesting aim. The research plan is well planned. However in my opinion the major issue of this work is low number of independent experiments n=3.

Other issues

MTT is not good test for compounds with phenolic groups because it can interact with them and give false results

There is a several types of breast cancer authors should explain differences between these types in introduction section

More details about gating as well as compensation procedure in flow cytometry method should be given

Conditions of serum obtaining should be added

Statistical analysis is not proper performed n=3 is too low to perform ANOVA analysis!!!! as well as to obtain clear results. S.E.M should not be used a SD is the proper parameter.

Some editorial bugs

In figure 6 values are putted on the objects which make difficult to interpretive the results

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

No

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.

No

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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