Reviewer's report

Title: Fucoidan attenuates radioiodine-induced salivary gland dysfunction in mice

Version: 2 Date: 09 Jul 2019

Reviewer: Melinda Larsen

Reviewer's report:

The authors demonstrate that fucoidan administered prior to radioiodine treatment can attenuate radiation-induced gland damage, indicating its potential use as a radio-protective agent. The data are well presented and the text is well written, meriting publication of the work. The figure showing general histological structure by H&E, however, is difficult to discern differences between the groups, and is not a quantitative assessment like the other figures. As such, it does not really add value and the authors should consider removing this figure.

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:

Acceptable
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