Reviewer’s report

Title: Fucoidan present in brown algae induces apoptosis of HT-29 human colon cancer cells

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Reviewer: Hee-Kyoung Kang

Reviewer's report:

In this manuscript, authors describe the effect of fucoidan on the apoptosis induction in HT-29 human colon cancer cells. However, following points should be explained.

Minor Essential Revisions;

1. The present study seems to be similar to the previous report (Hyun et al., 2009) except cell line. The differences and advanced points of your study compared to the previous study need to be mentioned.

2. In Hyun’s study, fucoidan at 100 ug/mL induces the apoptosis of HCT-15, whereas 5-20 ug/mL fucoidan can induce the apoptosis of HT-29 in this study. HT-29 and HCT-15 are same human colorectal carcinoma cells. In regard to apoptosis induction, what can exhibit the concentration difference between the two cells? Please comment that in the discussion

Level of interest: An article whose findings are important to those with closely related research interests

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