Reviewer's report

Title: Geijigajakyak Decoction inhibits the motility and tumorigenesis of colorectal cancer cells

Version: 1 Date: 12 May 2016

Reviewer: Leanna Standish

Reviewer's report:

This paper is improved following the requested revisions. The only remaining issues are the need for more clarification regarding the quality of the herbal material used in the study and method of plant raw material hot water extraction. On page 7 the methods of preparation of GJD are incomplete. Line 19: "10 volumes of distilled water’ is not clear. What was the botanical raw material dry weight decocted in? 10 liters of H20? Needs clarification. Otherwise the study is not replicable. The quality of the herbal material is questionable based on the authors report that a major constituent of one of the plants used in GJD was absent from the material in this study. See Page 15. If paeonol was not present in GJD doesn’t this suggest that the quality of the herbal raw materials might have been low?

Do the authors have certificates of analysis from the manufacture of the herbs. How can we know that the herbs used were the correct species and were quality products used that contain measurable levels of known active constituents. I think these are serious issues.

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.

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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