Reviewer’s report

Title: Coix lacryma-jobi var. ma-yuen Stapf sprout extract has anti-metastatic activity in colon cancer cells in vitro

Version: 0 Date: 05 Sep 2017

Reviewer: Sasitorn Chusri

Reviewer’s report:

- Please clarify why the anti-metastatic activity was selected to study? How did this activity correlate with the traditional use?

- Where did the authors select to study the sprout extract of Coix lacryma-jobi var. ma-yuen (Rom.Caill.) Stapf? Which part has been used as a traditional medicine in China?

- How did the authors identify the scientific name of the herbal component, please indicate the botanist name and where the voucher specimens of the herbal components are deposit and what are the voucher specimen numbers?

- Chemical profiling of the extract should be included.

- The safety of the plant should be include in this study both in vivo and in normal cell line.

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:

Needs some language corrections before being published

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