Reviewer's report

Title: Bufalin, an effective anti-proliferation and anti-invasion component in Chansu for hepatocellular carcinoma

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Reviewer: Bin Lu

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In this paper, Qiu and coworkers present data to elucidate the inhibitory effect of bufalin, a major component of the traditional Chinese medicine Chansu, on the cell proliferation, migration and invasion of HCC cells. Furthermore, the authors found that bufalin inhibited the nuclear translocation of #catenin via the PI3K/Akt/GSK3# signaling pathway, and regulated the expression of metastasis-related gene E-cadherin, MMP-2 and MMP-9.

Overall, this work is interesting and well-performed, which will be useful for readers to understand the effect of bufalin on tumors including HCC. I think that the manuscript may be suitable for publication in BMC.

Discretionary Revisions:

The ordinate title should be indicated in the figures (3C, 4D, 4C, 4D, 5C, 5D, 6C, 6D).

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.