Reviewer's report

Title: Inhibitory effect of ethanol extract of Ocimum sanctum on osteopontin mediated metastasis of NCI-H460 non small cell lung cancer cells

Version: 1 Date: 25 May 2014

Reviewer: Suni Tang

Reviewer's report:

Major compulsory revisions:
1. For cytotoxicity assay, it was stated in the materials and methods section that five concentrations of treatments (0, 50, 100, 150, and 200 µg/ml) were used, it was mentioned in results section that six concentrations (0, 25, 50, 100, 150, and 200 µg/ml) had been used, while the legend text of figure 1 said the cells were treated with five different concentrations (0, 25, 50, 100, and 200 µg/ml) of EEOS. In figure 1, there were seven markers, some of which seemed missing their S.D. bars, corresponding to concentration values. Please state.

2. Since EEOS was the major subject of this study, please provide the source of O. sanctum and the detailed steps of preparation of EEOS.

Minor essential revisions:
1. The dash of “non-small cell lung cancer” was missing in a few places, e.g. row 7 of page 2, row 23 of page 4, and etc.

Discretionary revisions:
1. The reference absorbance at 630-690 nm in the XTT assay is generally recommended to use to correct nonspecific background values.

2. The coordinating conjunction should be used in some places, such as row 4 of page 5 (‘were cultured in RPMI1640 medium…’) or row 13 of page 6 (‘were loaded onto…’).

2. The “#C” on row 11 of page 5 didn’t display properly, which might be caused by the conflict between different word processing programs or operation systems, while other “#C”s throughout this manuscript were doing well.

Level of interest: An article of importance in its field

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.