Reviewer's report

Title: Inhibition of STAT3 signaling and induction of SHP1 mediate antiangiogenic and antitumor activities of ergosterol peroxide in U266 multiple myeloma cells

Version: 4 Date: 2 November 2011

Reviewer: Bharat B Aggarwal

Reviewer's report:

The authors have addressed most of comments of the reviews. However, two remaining comments are as follows:

1. Figure 3B and 3D, the impressive upregulation of SHP-1 mRNA by EP was observed in U266 cells (Fig. 3D), while there was no significant changes in protein expression of SHP-1 (Fig. 3B).

2. Authors misunderstood the previous comment #4 (How do the authors know that anti-angiogenic effect of EP is STAT3 driven?). The anti-angiogenic role EP by modulating STAT3 should be demonstrated by either using STAT3 siRNA or ChIP assay.

Overall, the manuscript can be considered for publication after revision as indicated above.

Declaration of competing interests:

I declare that I have no competing interests.