Reviewer's report

Title: Chinese herb mix TG-Decoction up-regulates expression of oestrogen receptors ER alpha and beta in ovariectomized rats

Version: 1 Date: 19 September 2011

Reviewer: A Jagtap

Reviewer's report:

Major Compulsory Revisions:

1) Discussion about the advantage of multiherbal formulation & decoction over individual herb known to have antioxidant, mild estrogenic activity because of presence of specific phytoconstituent would be more appropriate.

2) Some of the parameters show lots of std. deviation, are they still statistically significant?

3) Results in Figure & text should match.

4) Discussion needs to be completely rewritten.

5) Importance of expression of ER # & ER # should be discussed in terms of side effects/ adverse effects of estrogen.

Minor Essential Revisions:

1) In the section Animals and treatment, paragraph 2, explain the calculations in detail. How much is the human dose, & the conversion of gms of crude herb to dose in ml?

2) In the section of results, expression of ER # & ER #, always use statistical terms not slightly. Alos here results in text & fig does not tally.

3) Minor spelling & grammatical mistakes.

4) In the section discussion, paragraph 1: last sentence of paragraph 1 what is milder & slow effect? Explain you got better effects with TG fornthe same duration of tretament than premarine, explain?

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

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