Reviewer's report

Title: Angelica sinensis Extract Inhibits RANKL-mediated Osteoclastogenesis by Down-regulated the Expression of NFATc1 in Mouse Bone Marrow Cells

Version: 2 Date: 9 August 2014

Reviewer: Maria Helena MHR Fernandes

Reviewer's report:

The following suggestions will improve the quality of this manuscript.

Please provide an explanation in the section of Materials and methods for the following:

- On the cytotoxicity assays, BMMs were cultured on the presence of M-CSF. RANKL was not added.
- Different culture times were used, i.e. 4 days for the evaluation of TRAP-positive cells, 3 days for the cytotoxicity assays
- Use of RAW 264.7 cells in the clonogenic assay
- Reason for the use of different concentrations of RANKL in the different experiments, and also for the different time treatments with RANKL
- Use of DMSO in the real time RTP-PCR and Western blot analysis

Specify the details of the experiments in the materials and methods section instead of in the Figure legends

Check the reference list – e.g. references 2 and 8 are the same; references 5 and 10 are the same: references 1 and 17 are the same

Level of interest: An article of importance in its field

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