Reviewer’s report

**Title:** Inhibition of melanogenesis and antioxidant properties of Magnolia grandiflora L. flower extract

**Version:** 2  **Date:** 19 March 2012

**Reviewer:** Chao-Hsun Yang

**Reviewer’s report:**

**Minor Essential Revisions**

**General comments**

Magnolia grandiflora L. flower is wildly used in Asian as a traditional aroma herbal medication. The authors have investigated the potential antioxidant properties of extract in vitro and anti-melanogenesis effects of extract by using B16F10 melanoma cell as a cell model. It is interesting to find that M. grandiflora L. flower extract has significant anti-melanogenesis effects. The findings are useful to expand the potent use of this extract in whitening cosmetics.

**Minor comments**

1. **Abstract/ Background:** The sentence “Magnolia grandiflora L. flower is wildly used in Asian as a traditional herbal medication” needs to be added in the beginning of the Background.
2. **Abstract/ Background:** The sentence “Assay of melanogenesis........may be omitted.
3. **Results/The result of mushroom tyrosinase activity may shift to the first one section of the result.
4. **Results/Why the authors especially mention about the “final concentration” in page 7, line 14?
5. **The “(p < 0.001)” may be omitted in the article content. It just needs to show in the figure legends.

**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