Reviewer's report

Title: Beneficial immunostimulatory effect of short-term Chlorella supplementation: enhancement of Natural Killer cell activity and early inflammatory response

Version: 1 Date: 11 June 2012

Reviewer: ju yeon park

Reviewer's report:

In this paper, Kwak et al reported the beneficial immunostimulatory effect of Chlorella supplementation in humans. The concept and the objective of this study are interesting and meaningful in aspect of being performed in non-disease, healthy people. It is well written. Study design (randomized, double-blinded, placebo-controlled trial) is good, the methods are adequate, and data presentations are elegant, but there are some minor points to be corrected.

Minor points:

-The reviewer recommends the authors to add brief explanation the reason why 7 in the placebo group and 2 in test group were dropped-out.

-The reviewer recommends the authors to clarify some sentences explaining ‘net change (s)’. For example, ‘The net changes of these cytokines before and after the intervention were significantly higher in the Chlorella group than the placebo group.’ should be revised to ‘The increments of these cytokines in the Chlorella group after the intervention were significantly bigger than those in the placebo group’.

Level of interest: An article of outstanding merit and interest 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.