Reviewer’s report

Title: The Anti-Alergic Activity of Cymbopogon citratus is Mediated Via Inhibition of Nuclear Factor Kappa B (NF-Kappab) Activation

Version: 2 Date: 26 December 2014

Reviewer: Jung-Taek Kwon

Reviewer’s report:

Major Compulsory Revisions

It is my great honor to review this manuscript. This manuscript deals with the anti-inflammatory effect of Cymbopogon citratus extract in murine asthma model. Authors insist Cymbopogon citratus extract may be reduced response of asthma through inhibition of NF-κB/p65 activation in the lung. I believe, however, this manuscript should obtain more significant and higher credit of quality for the publication in BMC Complementary and Alternative Medicine.

1) More chemical characterization of Cymbopogon citratus extract such as HPLC analysis have to be performed and described in manuscript.

2) For better understanding of pulmonary toxicity of Cymbopogon citratus extract. The more maker of pulmonary toxicity analysis such as total protein and LDH level in BAL fluid should be needed according to the concentration of Cymbopogon citratus extract.

3) “Results” and “Discussion” parts should be rewritten. The authors should add more discussions related with their results in “Discussion” part not in “Results” part. Moreover, some experimental methods were also included in the “Results” part. The author should describe only results in “Results” part.

4) Please more detail explain every result for better understanding. The explanation should be clearly and concrete.

5) In lung, histopathology results(Fig 5, 6 and 8) should be a quantitative analysis.

In general, this manuscript should be rewritten to improve the quality. They should do additional studies to make sure that chemical characterization and pulmonary toxicity of Cymbopogon citratus extract has templates for new therapeutic drugs in the treatment of asthma.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published
**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

'I declare that I have no competing interests'