

Dear Editor,

Please find enclosed the edited manuscript in Word format. Below you will find a point-to-point reply of the reviewers' comments. Thank you very much for your support.

**Title:** Red Ginseng for Atopic Dermatitis

**Author:** Sang Hyun Cho

**Name of Journal:** *World Journal of Dermatology*

**ESPS Manuscript NO:** 8440

The discussion of this paper is restless. The authors should coordinate the structure of the text.

- Thank you very much for your comment. We revised the manuscript in accordance with your advice.

RG is a mixture of several components. The authors should examine which component(Ginsenoside)suppress the inflammation in TNCB-treated NC/NGa mice.

- In our previous study, KRG extract contained major ginsenoside-Rb1: 8.27 mg/g, -Rb2: 3.22 mg/g, -Rc: 3.90 mg/g, -Rd: 1.09 mg/g, -Re: 2.58 mg/g, -Rf: 1.61 mg/g, -Rg1: 2.01 mg/g, -Rg2: 1.35 mg/g, -Rg3: 1.04 mg/g, and other minor ginsenosides. However, as this is a review article, we plan not to show the precise details of our study.

The authors should firstly descibe cytokine phenotype of TNCB-treated NC/NGa mice (Th2?) before showing the effects of RG.

- Our previous study on the effect of RG on the prevention and early lesions of atopic dermatitis. We aimed to examine to Th2 response of the acute phase.

The authors firstly demonstrate suppressive effects of RG on Th1 or Treg, however,it did show suppressive effects on Th2. The authors should explain the reason for this discrepancy. Did RG suppress Th17 or Th22 cytokine expression in the model mice? The authors should show the results, especially IL-22 is most important cytokine for atopic dermatitis.

- Our previous studies were set up in different points of time. In our previous study, we examined IL-17 expression of the early lesion in a murine model. There was little difference between the control group and the RG group. Since this is a review article, we plan to show the readers broad results of various studies.

What about the effects of RG on other Th2 cytokine/chemokines, like TARC or IL-31?

- Our next study is aimed to examine the effect of RG on IL-31. Further studies are

need to highlight the effects of RG on atopic dermatitis.

Please summarize in table for red ginseng on atopic dermatitis

- Please find Table 1 in the manuscript.

Please summarize in table for reported clinical effects of red ginseng

- Please find Table 2 in the manuscript.
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Add pictures that is helpful for understanding immunologic mechanism

- As this is a review article on the effects of RG on atopic dermatitis, we focused on reviewing the role of RG. Reference journals on atopic dermatitis may aid in understanding the immunologic mechanism.

How about change the title from “Red Ginseng for Atopic Dermatitis” to “Clinical effects of Red Ginseng”

- Thank you very much for your helpful comment. When we were invited on writing this review article, the editor-in-chief focused on red ginseng for atopic dermatitis. If the editor-in-chief agrees with the reviewer’s comment, we are very much willing to change the title. We appreciate your suggestion.

thank you for this review on red ginseng and AD it is a nice paper although it does not give much light into this grey area of treatment i would suggest to provide with clinical data and in vivo studies in humans in order to support the conclusions

- Thank you very much for your helpful comment. We are aiming to plan a clinical study to shed light on the clinical aspects of RG on AD.