

Dear Lian-Sheng Ma, President and Company Editor-in-Chief

Baishideng Publishing Group Inc

1st Dec. 2016

Dear Editor

Thank you for your Decision to my invitation to “Editorial” to WJBC.

This is my invited ID. ID (00609407)

First of all. I would like to know this invited paper was changed to “mini review” from “Editorial”. Also I would like to know publication fee is still free.

Because we tried to change our manuscript extensively. Two weeks are soon come. I understand that we need to fulfill some rules of WJBC. However, first we send revised manuscript with cover letter. Then if it will be accepted, we will send some other things.

Dear Editor 1st Dec. 2016

We will submit revised mini review titled as “Immunological aspects of age-related diseases” to WJBC(MN.29608). We extensively rewrote the manuscript following the comments to reviewers. We have not published or submitted this mini review to other journals. According to English, all the authors had been living in US or England (Nishio is bilingual grown in US).

With best regards

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Responses to reviewers.

Comments **Reviewer's code:** 00504800

This is a solid review of immune aspects of aging. The extensive references are valuable to the reader. Some minor polishing of edits for English language/grammar is needed, and can be done by the journal editorial staff.

Answer. Thank you for your good comment. We carefully polish English.

Comment.

Figure 3 is mentioned in the text first at the end of the Introduction; it seems like this should be renumbered as Figure 1. Some of the words run together in the figures and should be separated for clarity. Figure legends are needed.

Answer. We changed the number of Figures.

Reviewer's code: 02799783

The manuscript is interesting and covers a large area of study and interest in immunology / Imunoparasitologia / immunomodulation.

Answer. Thank you for good comment.

Reviewer's code: 00202286

As it is written, the immunological aspects are correctly described, but the relationships with age-related diseases appear somehow superficial. It

would have been good to focus on some particular diseases and to emphasize them.

Answer. We rewrote the last part of this article by adding particular disease namely atherosclerosis.

Comment. What do the authors consider as early in life concerning the involution of the thymus itself (not the function of the T cells)? “..circulation and secondary lymph Nodes including spleen”. Spleen is not a lymphnode. What is the definition of secondary lymph nodes for the authors? The author should mention that the Helper T cells/CD4 T cells secrete cytokines that stimulate the proliferation, differentiation and maturation of B cells into plasma cells.

Answer. Thank you for critical review. Thymus involution maybe caused by aging of thymic epithelial cells, which nurse the thymic lymphocytes. However, this mechanism is beyond this review. We separated the secondary lymph nodes and spleen. We added the sentences “Here we do not describe B cell dysfunction of aged people. B cell function decreases directly by B cell aging itself and by the result of age-related T cell functional decline, because helper T cell affect B cells by direct binding and secreting cytokines. “.

Comment. The manuscript seems to have been hastily prepared. There are too numerous typos and grammatical errors and the paper should definitely be edited by an English-native. The manuscript starts being written in century 14 then switches to Times New Roman 14, then switches back to Century 14 later on.

Answer. Thank you for careful check. We tried to improve the English.

Comment. Are there any modifications of TLRs during ageing? Are senescent cells not partly eliminated by apoptosis? It is not clear where Figure 3 should appear.

Answer. There are reports, which show the age-related changes of TLRs. However, we have not mentioned here. We mistook to put Fig.3 in sentences.

Comment. Abstract: It should be ""developed countries" and not "developed counties" ".are elevated "Wijk's group have shown recently..." should be "Wijk's group has shown recently."

Answer. We changed, Thank you. We also changed the grammatical errors.