

RESPONSES TO THE REVIEWERS

December 23, 2015

Title: Roles of plasmablasts in IgG4-related disease and various immune-based diseases

Koarada S et al.

Name of journal: World Journal of Rheumatology

ESPS Manuscript NO: 22379

Manuscript Type: Minireviews

Dear Editor,

We have enclosed our revised manuscript, "Roles of plasmablasts in IgG4-related disease and various immune-based diseases", in Word format, which we resubmit for your further consideration for publication as a mini-reviews in World Journal of Rheumatology.

We revised our initial manuscript (ESPS Manuscript NO: 22379) according to the reviewers' suggestions. We have updated the format of the manuscript, and we provide point-by-point responses to the comments of reviewers in this letter.

Thank you for the opportunity to resubmit our manuscript, and hope you will find it worthy of publication in World Journal of Rheumatology.

Sincerely yours,

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Reviewed by 00505859

Good subject review and quite pertinent.

I revised our manuscript and resubmitted. The English in this document has been checked by a specialist of English.

Reviewed by 00502993

The authors review the current understanding of the biology of CD180 in B cell function. Increased numbers of B cells that lack CD180 are found in IgG4 related disease and other inflammatory conditions. It is a very interesting review with novel information. I would recommend to insert a figure with the presently known cellular location and function in B cell biology and a table listing the diseases in which higher numbers of CD180 negative B cells have been found. The article should be edited by a native English speaker.

In accordance with the reviewer's suggestion, we have constructed Figure 1 and Table 1 in the revised manuscript.

Reviewed by 00502973

1. I would suggest the author draw figures to illustrate the structure and the signal pathway of RP105. A figure would help the audiences to better understand the structure and the signal.

Thank you for your comment. We add a figure (Figure 1) that illustrate the RP105 and signal pathway.

2. In the SLE section, the author stated "RP105-negative B cells and CD27^{high}CD38⁺ B cells should be phenotypically identical." Does the author have any data to support this statement or it's just a guess of the author?

Thank you for your comment. According to your suggestion, we indicate the following reported paper in the sentence to clarify the reference.

"Phenotyping of P105-negative B cell subsets in patients with systemic lupus erythematosus" published by Clin Dev Immunol. 2012;2012.

3. "By the performed blood flow cytometry, in patients with IgG4-RD, a large population of circulating plasmablasts exist and IgG4⁺ plasmablasts [6]" This sentence was incomplete.

Thank you for your very kind suggestion. According to your suggestion, we revised the sentence.

Reviewed by 00503086

This review, although it deals with a subject that sounds and with a conclusion that may be relevant in the field, lacks yet the maturity in its writing and text construction necessary to be published by a journal. The authors must do clear their arguments, avoid repetitions, follow better a line of reasoning and take care of the language polishing in order the readers can understand their intent with this review. i enclose the manuscript marking sentences with difficult understanding, grammatical mistakes or lack of references, which may help to a new submission.

Thank you for your comments. And I polished and revised the manuscript according to the comments and an English expert.