



Life Science Alliance

SATB1-dependent mitochondrial ROS production controls TCR signaling in CD4 T cells

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No full Peer Review Process File is available with this article, as the authors have chosen not to make the review process public in this case.

July 12, 2021

Re: Life Science Alliance manuscript #LSA-2021-01093-T

Dr. Taku Kuwabara
Toho University School of Medicine
Molecular Immunology
5-21-16, Ohmori-nishi
Ohta-Ku, Tokyo 143-8540
Japan

Dear Dr. Kuwabara,

Thank you for submitting your manuscript entitled "SATB1-dependent mitochondrial ROS production controls TCR signaling in CD4 T cells" to Life Science Alliance. The manuscript was assessed by expert reviewers, whose comments are appended to this letter. We invite you to submit a revised manuscript addressing the Reviewer comments.

To upload the revised version of your manuscript, please log in to your account:
<https://lsa.msubmit.net/cgi-bin/main.plex>

You will be guided to complete the submission of your revised manuscript and to fill in all necessary information. Please get in touch in case you do not know or remember your login name.

While you are revising your manuscript, please also attend to the below editorial points to help expedite the publication of your manuscript. Please direct any editorial questions to the journal office.

The typical timeframe for revisions is three months. Please note that papers are generally considered through only one revision cycle, so strong support from the referees on the revised version is needed for acceptance.

When submitting the revision, please include a letter addressing the reviewers' comments point by point.

We hope that the comments below will prove constructive as your work progresses.

Thank you for this interesting contribution to Life Science Alliance. We are looking forward to receiving your revised manuscript.

Sincerely,

Eric Sawey, PhD
Executive Editor
Life Science Alliance
<http://www.lsajournal.org>

A. THESE ITEMS ARE REQUIRED FOR REVISIONS

- A letter addressing the reviewers' comments point by point.
- An editable version of the final text (.DOC or .DOCX) is needed for copyediting (no PDFs).
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*****IMPORTANT:** It is Life Science Alliance policy that if requested, original data images must be made available. Failure to provide original images upon request will result in unavoidable delays in publication. Please ensure that you have access to all original microscopy and blot data images before submitting your revision.*******

September 3, 2021

RE: Life Science Alliance Manuscript #LSA-2021-01093-TR

Author information redacted

Dear Dr. Kuwabara,

Thank you for submitting your revised manuscript entitled "SATB1-dependent mitochondrial ROS production controls TCR signaling in CD4 T cells". We would be happy to publish your paper in Life Science Alliance pending final revisions necessary to meet our formatting guidelines.

Along with points mentioned below, please tend to the following:

- please make sure the author order in your manuscript and our system match
- please upload your main and supplementary figures as single files
- please revise panels for figure 5 (it seems that panel E is missing). Also, revise legend and callouts for the same figure accordingly
- please add callouts for Figures 2E, F; 3A, B; 5H, I; S1A-C, and S4A-D to your main manuscript text
- please add the Twitter handle of your host institute/organization as well as your own or/and one of the authors in our system
- please add scale bar to Figure S4, and indicate its size in the Figure Legend
- please indicate sizes next to each blot

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LSA now encourages authors to provide a 30-60 second video where the study is briefly explained. We will use these videos on social media to promote the published paper and the presenting author. Corresponding or first-authors are welcome to submit the video. Please submit only one video per manuscript. The video can be emailed to contact@life-science-alliance.org

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You will be guided to complete the submission of your revised manuscript and to fill in all necessary information. Please get in touch in case you do not know or remember your login name.

To avoid unnecessary delays in the acceptance and publication of your paper, please read the following information carefully.

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-- Summary blurb (enter in submission system): A short text summarizing in a single sentence the study (max. 200 characters including spaces). This text is used in conjunction with the titles of papers, hence should be informative and complementary to the title. It should describe the context and significance of the findings for a general readership; it should be written in the present tense and refer to the work in the third person. Author names should not be mentioned.

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****Submission of a paper that does not conform to Life Science Alliance guidelines will delay the acceptance of your manuscript.****

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Thank you for your attention to these final processing requirements. Please revise and format the manuscript and upload materials within 7 days.

Thank you for this interesting contribution, we look forward to publishing your paper in Life Science Alliance.

Sincerely,

Eric Sawey, PhD
Executive Editor
Life Science Alliance
<http://www.lsajournal.org>

September 10, 2021

RE: Life Science Alliance Manuscript #LSA-2021-01093-TRR

Dear Dr. Kuwabara,

Thank you for submitting your Research Article entitled "SATB1-dependent mitochondrial ROS production controls TCR signaling in CD4 T cells". It is a pleasure to let you know that your manuscript is now accepted for publication in Life Science Alliance. Congratulations on this interesting work.

The final published version of your manuscript will be deposited by us to PubMed Central upon online publication.

Your manuscript will now progress through copyediting and proofing. It is journal policy that authors provide original data upon request.

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Sincerely,

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