



Life Science Alliance

Meningeal lymphoid structures are activated under acute and chronic spinal cord pathologies

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Transaction Report:

(Note: With the exception of the correction of typographical or spelling errors that could be a source of ambiguity, letters and reports are not edited. The original formatting of letters and referee reports may not be reflected in this compilation.)

Please note that the manuscript was previously reviewed at another journal and the reports were taken into account in the decision-making process at Life Science Alliance. Since the original reviews are not subject to Life Science Alliance's transparent review process policy, the reports and author response cannot be published.

Re: Life Science Alliance manuscript #LSA-2020-00907-T

Prof. Michal Schwartz
Weizmann Institute of Science
Neurobiology
234 Herzl St.
Rehovot 7610001
Israel

Dear Dr. Schwartz,

Thank you for submitting your manuscript entitled "Meningeal tertiary lymphoid structures are formed under acute and chronic spinal cord pathologies" to Life Science Alliance (LSA). The manuscript was assessed by expert reviewers, whose comments are appended to this letter.

For a brief overview, the manuscript was reviewed at another journal and the authors transferred the manuscript along with the reviews. The reviewers were concerned that the paper about cross-contamination during separation of the 3 meningeal layers and the the lack of sufficient experiments to qualify these as germinal centers. After assessing the manuscript, reviewers' comments, and point-by-point response from the authors, the LSA editors deemed it to be appropriate for publication, provided the authors tone down their conclusions and address the following remaining points -

- + please edit the text to clarify that the possibility of cross-contamination between the 3 leptomeningeal layers has not been completely eliminated (Rev 1 pt 1)
- + if possible, please perform additional confirmatory stainings for the lymphatics (Rev 1 pt 2). While these data would not be required for publication at LSA, we encourage you to include them in the revised manuscript. If unavailable, please tone down the respective conclusion accordingly
- + please provide clarifications for the minor concerns raised by Rev 1 in pts 3 & 4
- + please provide additional staining for GC markers (e.g. Bcl6, AID, possibly GL7 or follicular dendritic cell markers like CR2 (Rev 2) - THESE DATA WOULD BE REQUIRED FOR PUBLICATION IN LSA
- + please provide a no-BrdU control for Fig 4H (Rev 2), or an explanation for why that would be out of scope for this study
- + please tone down the conclusions given that the SCI+EAE group could not be monitored beyond 14 days (Rev 2)
- + if possible, please provide additional views for Fig 3C in support of the claim that CCL21 is expressed by ERTR7+ cells, or provide an explanation for why the image does not represent what text claims (Rev 1 pt 4 and Rev 2)
- + please adjust the data presentation to show reproducibility of measurements or error bars

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.

We would be happy to discuss the individual revision points further with you should this be helpful. 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. When submitting the revision, please include a letter addressing the reviewers' comments point by point.

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

Sincerely,

Shachi Bhatt, Ph.D.
Executive Editor
Life Science Alliance

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).
- High-resolution figure, supplementary figure and video files uploaded as individual files: See our detailed guidelines for preparing your production-ready images, <http://www.life-science-alliance.org/authors>
- 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 and running 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.

B. MANUSCRIPT ORGANIZATION AND FORMATTING:

Full guidelines are available on our Instructions for Authors page, <http://www.life-science-alliance.org/authors>

We encourage our authors to provide original source data, particularly uncropped/-processed electrophoretic blots and spreadsheets for the main figures of the manuscript. If you would like to add source data, we would welcome one PDF/Excel-file per figure for this information. These files will be linked online as supplementary "Source Data" files.

*****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.***

RE: Life Science Alliance Manuscript #LSA-2020-00907-TR

Prof. Michal Schwartz
Weizmann Institute of Science
Neurobiology
234 Herzl St.
Rehovot 7610001
Israel

Dear Michal,

Thank you for submitting your revised manuscript entitled "Meningeal lymphoid structures are activated under acute and chronic spinal cord pathologies". We would be happy to publish your paper in Life Science Alliance (LSA) pending final revisions necessary to meet our formatting guidelines.

Along with the points listed below, please also address the following:

- please add ORCID ID for both corresponding authors-you should have received instructions on how to do so
- please add a conflict of interest statement to your main manuscript text
- please use the [10 author names, et al.] format in your references (i.e. limit the author names to the first 10)
- please add the supplementary figure legends to the main manuscript text (directly under the main figure legends)
- please make sure the order of the manuscript sections complies with LSA's formatting guidelines (<https://www.life-science-alliance.org/manuscript-prep#format>)
- please make sure the insets for Figures 1A, 1B and 2A match with the zoomed in images in the same panel
- please update the email contact information of two of the authors (LSA editorial team is already in touch with the corresponding author for this)
- as per LSA's guidelines, large scale data sets like MARS-seq are required to be deposited in the relevant database (<https://www.life-science-alliance.org/manuscript-prep#datadepot>), and this information and the accession number need to be included in a separate Data Availability section in the manuscript

If you are planning a press release on your work, please inform us immediately to allow informing our production team and scheduling a release date.

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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.

A. FINAL FILES:

These items are required for acceptance.

-- An editable version of the final text (.DOC or .DOCX) is needed for copyediting (no PDFs).

-- High-resolution figure, supplementary figure and video files uploaded as individual files: See our detailed guidelines for preparing your production-ready images, <https://www.life-science-alliance.org/authors>

-- 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.

B. MANUSCRIPT ORGANIZATION AND FORMATTING:

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

****It is Life Science Alliance policy that if requested, original data images must be made available to the editors. Failure to provide original images upon request will result in unavoidable delays in publication. Please ensure that you have access to all original data images prior to final submission.****

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****Reviews, decision letters, and point-by-point responses associated with peer-review at Life Science Alliance will be published online, alongside the manuscript. If you do want to opt out of having the reviewer reports and your point-by-point responses displayed, please let us know immediately.****

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,

Shachi Bhatt, Ph.D.

Executive Editor

Life Science Alliance

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RE: Life Science Alliance Manuscript #LSA-2020-00907-TRR

Prof. Michal Schwartz
Weizmann Institute of Science
Neurobiology
234 Herzl St.
Rehovot 7610001
Israel

Dear Dr. Schwartz,

Thank you for submitting your Research Article entitled "Meningeal lymphoid structures are activated under acute and chronic spinal cord pathologies". 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.

*** The manuscript is still missing the GEO accession number for the RNA-Seq data. Please make sure to add that at the proofs stage. We have notified our copyeditors of the same.***

As per your request, Reviews and point-by-point responses associated with peer-review of this manuscript will not be published alongside the manuscript. If you do not want to opt out of having the reviewer reports and your point-by-point responses displayed, please let us know immediately. Only editor's decision letters will be published.

IMPORTANT: If you will be unreachable at any time, please provide us with the email address of an alternate author. Failure to respond to routine queries may lead to unavoidable delays in publication.

Scheduling details will be available from our production department. You will receive proofs shortly before the publication date. Only essential corrections can be made at the proof stage so if there are any minor final changes you wish to make to the manuscript, please let the journal office know now.

DISTRIBUTION OF MATERIALS:

Authors are required to distribute freely any materials used in experiments published in Life Science Alliance. Authors are encouraged to deposit materials used in their studies to the appropriate repositories for distribution to researchers.

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Again, congratulations on a very nice paper. I hope you found the review process to be constructive and are pleased with how the manuscript was handled editorially. We look forward to future exciting submissions from your lab.

Sincerely,

Shachi Bhatt, Ph.D.

Executive Editor

Life Science Alliance

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