



Life Science Alliance

Obesity-induced senescent macrophages activate fibrogenic gene expression in adipocyte progenitors

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(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.

November 3, 2021

Re: Life Science Alliance manuscript #LSA-2021-01286-T

Prof. Stephen R. R Farmer
Boston University
Dept. of Biochemistry
Boston, 715 Albany Street USA-Boston, MA 02118

Dear Dr. Farmer,

Thank you for submitting your manuscript entitled "Obesity-induced senescent macrophages activate a fibrotic transcriptional program in adipocyte progenitors" to Life Science Alliance. We invite you to re-submit the manuscript, revised to address the following:

- Address Reviewer 1's comments
- Address Reviewer 2's 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.

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.lsa-journal.org>

A. THESE ITEMS ARE REQUIRED FOR REVISIONS

- A letter addressing the reviewers' comments point by point.
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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.*******

January 21, 2022

RE: Life Science Alliance Manuscript #LSA-2021-01286-TR

Prof. Stephen R. R Farmer
Boston University
Dept. of Biochemistry
Boston University School of Medicine
72 E Concord Street
Boston, Massachusetts USA-Boston, MA 02118

Dear Dr. Farmer,

Thank you for submitting your revised manuscript entitled "Obesity-induced senescent macrophages activate fibrogenic gene expression in adipocyte progenitors". 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 upload your Tables in editable .doc or excel format;
- please add ORCID ID for secondary corresponding author-they should have received instructions on how to do so
- please consult our manuscript preparation guidelines <https://www.life-science-alliance.org/manuscript-prep> and make sure your manuscript sections are in the correct order and labeled correctly
- please add your main, supplementary figure, and table legends to the main manuscript text after the references section
- please indicate scale bar size in Legends for figure 3B, 4E, 6B, 6C, and 7D
- Please upload all figure files as individual ones, including the supplementary figure files; all figure legends should only appear in the main manuscript file
- please remove label A in the figure which consists of only one panel (S7), and correct its legend and callout in the manuscript text
- please include the GEO accession number for the single cell data in the Data Availability statement

FIGURE CHECKS:

- scale bars for figure 3B, 4E, 6B, C, and 7D are hardly visible

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-- 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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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>

January 31, 2022

RE: Life Science Alliance Manuscript #LSA-2021-01286-TRR

Prof. Stephen R. R Farmer
Boston University
Dept. of Biochemistry
Boston University School of Medicine
72 E Concord Street
Boston, Massachusetts USA-Boston, MA 02118

Dear Dr. Farmer,

Thank you for submitting your Research Article entitled "Obesity-induced senescent macrophages activate fibrogenic gene expression in adipocyte progenitors". 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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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,

Eric Sawey, PhD
Executive Editor
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