Human G-MDSCs are Neutrophils at Distinct Maturation Stages Promoting Tumor Growth in Breast Cancer

Meliha Mehmeti-Ajradini, Caroline Bergenfelz, Anna-Maria Larsson, Robert Carlsson, Kristian Riesbeck, Jonas Ahl, Helena Janols, Marlene Wullt, Anders Bredberg, Eva Källberg, Frida Björk Gunnarsdottir, Camilla Rydberg-Millrud, Lisa Rydén, Gesine Paul, Niklas Loman, Jörgen Adolfsson, Ana Carneiro, Karin Jirström, Fredrika Killander, Daniel Bexell, and Karin Leandersson

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Corresponding author(s): Karin Leandersson, Lund University

Review Timeline:

| Event                        | Date       |
|------------------------------|------------|
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Scientific Editor: Shachi Bhatt

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.)
August 25, 2020

Re: Life Science Alliance manuscript #LSA-2020-00893-T

Dr. Karin Leandersson
Lund University
Department of Translational Medicine
Center for Molecular Pathology, Entr 78 SUS-M, Lund University
Malmö 20502

Dear Dr. Leandersson,

Thank you for transferring your manuscript entitled "Human G-MDSCs are Neutrophils at Distinct Maturation Stages that Promote Tumor Growth and Immune Cell Exclusion in Breast Cancer" to Life Science Alliance (LSA).

FOR A BRIEF OVERVIEW: The manuscript was reviewed at another journal, and transferred to LSA with the reviewers' comments by the authors and with the help of editors of the previous journal. The reviewers had expressed concerns about the low sample size and interpatient variability. They did not think that the conclusions drawn could be supported without rigorously addressing those 2 concerns. At LSA, we agreed that if the authors tone down their conclusions (in accordance with the data presented), acknowledge the sample size concerns, and discuss the inter-patient variability, the findings are still sufficiently valuable for the community to merit publication.

Based on the reviewers comments from the previous journal the manuscript should be acceptable for publication at LSA with the following revisions

1. please tone down the conclusions, based on the critiques of both reviewers at the previous journal
2. please address Rev 1's pt 3 and 6 experimentally - if possible, this would strengthen study, however would not be required for publication at Life Science Alliance
3. please provide a discussion on the potential inter-patient heterogeneity that might affect these conclusions
4. Along with the revised manuscript, please also provide a pbp rebuttal to the reviewers' comments from the previous journal, and a marked up manuscript file that highlights all the changes made.

We would be happy to discuss the individual revision points further with you should this be helpful. 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.

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.

Please use the link below to submit your revised manuscript
https://lsa.msubmit.net/cgi-bin/main.plex
Thank you for considering Life Science Alliance (LSA) as an appropriate venue for your research. Please email me with any questions.

Sincerely,

Shachi Bhatt
Executive Editor
Life Science Alliance

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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:

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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 8, 2020

RE: Life Science Alliance Manuscript #LSA-2020-00893-TR

Prof. Karin Leandersson
Lund University
Department of Translational Medicine
Cancer Immunology, CRC
Malmo 21428
Sweden

Dear Karin,

Thank you for submitting your revised manuscript entitled "Human G-MDSCs are Neutrophils at Distinct Maturation Stages Promoting Tumor Growth in Breast Cancer". We would be happy to publish your paper in Life Science Alliance pending final revisions necessary to meet our formatting guidelines.

Along with the points listed below, please also address the following in the revised manuscript,
- please use the [10 author names, et al.] format in your references (i.e. limit the author names to the first 10)
- please upload your supplementary figures as single files
- please include a scale bar for the PDGFRb sections in Fig S3
- please deposit the microarray data in the NCBI database, and include the accession number in the revised manuscript text

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.

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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, 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. 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.**

**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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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
Dear Dr. Leandersson,

Thank you for submitting your Research Article entitled "Human G-MDSCs are Neutrophils at Distinct Maturation Stages Promoting Tumor Growth in Breast Cancer". 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 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