

World Journal of Biological Chemistry

Dear Editor,

Please find enclosed the edited manuscript in word format (file name: 02613616 mini-review manuscript—revised).

Title: Mechanisms of the alternative activation of macrophages and non-coding RNAs in the development of radiation-induced lung fibrosis

Author: Nadire Duru, Benjamin Wolfson, Qun Zhou

Name of Journal: World Journal of Biological Chemistry

ESPS Manuscript NO: 02613616

The manuscript has been improved to the suggestions of the Editor:

1. Figure has been redone as a PowerPoint file, attached separately.
2. Conclusion section has been added.

Revisions have been made according to the suggestions of the reviewers.

Reviewed by 02494917 (**Excellent, priority publishing, accept**)

I appreciate the opportunity to review this interesting manuscript, which title is "The role of alternative activation of macrophages and non-coding RNAs in radiation-induced lung fibrosis". The subject of the manuscript is very important to molecular therapy or protective methods on lung fibrosis. I enjoyed reading the manuscript. And, the manuscript title could be accepted for publication.

We thank the reviewer for their good review.

Reviewed by 02498872 (Very good, priority publishing, accept)

This paper is well written, focusing on the role of alternative activation of macrophages and non-coding RNAs in radiation-induced lung fibrosis, and helpful for the readers in this field.

We thank the reviewer for their suggestion for publication.

Reviewed by 02799783 (Excellent, priority publishing, accept)

The authors summarized the current body of knowledge describing the roles of M2 macrophages in radiation-induced lung fibrosis, with an emphasis on the expression and functions of non-coding RNAs. The manuscript is very interesting and of great impact in the study area I recommend revision to the publication.

We appreciate the reviewer's comment and suggestion for publication.

Reviewed by 02495872 (Very good, priority publishing, accept)

Interesting review of rather neglected subject. The conclusions are solid, literature good. Whole topic is clinically relevant. Two minor points:

1) Title is not fully clear and should be changed

We appreciate the reviewer's comment and have amended the title.

2) The idea that macrophages and fully self-renewed in individual tissues is still not really a mainstream idea, is it needs more than one line and two references.

We thank the reviewer for their comment. Due to the narrow scope of this review, we are unable to fully detail the current understanding of tissue-resident macrophage recruitment and self-renewal. However, we have added more detail to the passage in question in order to clarify the point.

Reviewed by 02440441 (Good, minor language polishing, minor revision)

Macrophages polarization and role of M2 in fibrosis are the known issues, please simply state that.

We thank the reviewer for their comment, however we do not understand the request. If the reviewer provides further explanation we would be happy to make the requested revisions.

Reviewed by 01198134 (Fair, a great deal of language polishing, major revision)

This review manuscript must be carefully edited for English grammar and word usage throughout the manuscript.

We appreciate the reviewers comment, and the manuscript has been carefully edited by a native English speaker.

Thank you again for publishing our manuscript in the World Journal of Biological Chemistry

Sincerely,

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