



PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Oncology*

Manuscript NO: 85789

Title: Stromal inflammation, fibrosis and cancer: an old intuition with promising potential

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05769914

Position: Peer Reviewer

Academic degree: PhD, MD

Professional title: Professor, Researcher, Doctor

Reviewer’s Country/Territory: Mexico

Author’s Country/Territory: Australia

Manuscript submission date: 2023-05-16

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-05-18 05:51

Reviewer performed review: 2023-05-23 04:46

Review time: 4 Days and 22 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation



Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

I have the following comments from the manuscript by Oey O. and colleagues titled “Stromal inflammation, fibrosis and cancer: an old intuition with promising potential”.

- There are some typos in the manuscript. -Whit respect to the following phrase: “Of note, some authors do not include immune cells as a component of stroma, however, as immune cells are integral to the function of parenchymal cells and can have far-reaching effects on tumour biology and consequent behaviour, they will be classified as a stromal component in this review.” Please give some names of immune cells that are considered as a component of stroma.
- In the introduction section, the authors should include the most common signaling mechanisms caused by the inflammation and fibrosis for cancer development.
- In my opinion, column 3 (Mechanism) should also contain references.
- Some acronyms were written in different ways, such as TNF-a. -I recommend the next good reference for the table 1, which are related to this interesting manuscript (PMID: 36612019).
- I suggest an additional figure or table that globally indicates the cytokines or specific markers of inflammation and fibrosis with each cancer, respectively.
- Please check the next phrase and confirm if the acronym is NASH or NAFLD according



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to reference 80: "NASH-related cirrhosis is also associated with the development of HCC, with multicentred cohort studies showing 1.6 to 23.7 times increased risk 80." -There some mistakes in the following: "adipocytes are involved in HSC activation.87-89prob split refs Fibrosis impairs the hepatic" -Please check if is correct the following: "IF-alpha". -According to the abstract section: "Strategies including the application of various therapeutic agents with stromal manipulation potential and targeted cancer screening for certain inflammatory diseases which can reduce the risk of cancer will also be discussed." However, this is little addressed. In addition, the authors should add a table that indicates the main anti-inflammatory and anti-fibrotic agents for the different cancers considered in this manuscript.



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Academic degree: MD

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Reviewer's Country/Territory: Italy

Author's Country/Territory: Australia

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Reviewer performed review: 2023-05-24 10:21

Review time: 8 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

In this review titled "Stromal inflammation, fibrosis and cancer: an old intuition with promising potential" the authors discuss in the various paragraphs specific tumors whose onset and evolution is closely correlated with inflammatory states. Overall, the review is well written, tidy in organization, references are appropriate. However, I would insert a small introductory paragraph to all the descriptions of specific organ pathologies on the sources of inflammation that may lead to cancers (bacterial and viral infections, autoimmune conditions, others) and the pathways mainly involved. Thus, this streamlines the individual paragraphs on the description of WNT or TGF- β and the authors defer to the reference only, as the general pathways have been described previously. Maybe adding an explanatory figure.