



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 81660

Title: Role of tumor-associated macrophages in common digestive system malignant tumors

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03976790

Position: Editor-in-Chief

Academic degree: DSc, PhD

Professional title: Emeritus Professor

Reviewer's Country/Territory: France

Author's Country/Territory: China

Manuscript submission date: 2022-11-19

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-12-18 08:28

Reviewer performed review: 2022-12-24 10:48

Review time: 6 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 Grade E: Do not publish
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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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

Comments about the manuscript: “The Role of Tumor-Associated Macrophages in Common Digestive System Malignant Tumors” Cancers of the digestive system have a high incidence and mortality rate. Among the factors of the tumor environment, macrophages associated with tumors can have an effect on the prognosis of these cancers of the digestive system. Indeed, the phenotype of these macrophages can be antitumor (M1) or on the contrary pro-tumor (M2) and in the latter case, macrophages can play a crucial role in tumor invasion, growth, angiogenesis, presence of metastases, immunosuppression and resistance to cancer treatments. The aim of the review presented in this manuscript was to summarize the role of tumor-associated macrophages in oesophageal, gastric, colorectal, pancreatic and hepatic cancers. This particularly interesting article gives an overview of this question and it seems to me useful both for doctors, researchers, students and for all those interested in this public health issue. I have no comments to make on the content, very rich and clearly explained. I have only a few minor remarks to make to improve the understanding of the manuscript. There are many abbreviations. It would be useful to give a list with their meaning, at the beginning or at the end of the text. Page 45, figure 1: I really appreciate this figure and figure 2, useful for following the text, but I think a quick summary of the different parts of the figure in the legend would be useful. Page 46, figure 2: same comment as above. Page 47, table 1: like for figures 1 and 2, this useful table requires some explanation in the legend. Page 49, table 2: like for figures 1 and 2, and table 1, this useful table requires some explanation in the legend. Tables 1 and 2 contain a great deal of information available to the reader. However, these tables lack a reading key: the



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indications are so abundant that the reader like me feels a little drowned in the information. It would seem useful to me that the content of each table be explained in the legend. Similarly, the abundance of abbreviations seems to me to require a glossary of these. Very minor: Page 10: use italics to write *H. pylori*. Page 16: "high serum levels of taurocholic": write "High" (upper case for the first letter).



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Reviewer's code: 00058401

Position: Editorial Board

Academic degree: MD

Professional title: Doctor, Emeritus Professor, Professor

Reviewer's Country/Territory: Brazil

Author's Country/Territory: China

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Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-12-26 17:22

Reviewer performed review: 2023-01-02 13:11

Review time: 6 Days and 19 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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



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Scientific significance of the conclusion in 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 scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" 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 type="checkbox"/> Yes <input checked="" 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

Correction requested.