PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 75362

Title: Immunotherapy in Biliary Tract Cancers: Current Evidence and Future Perspectives

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05449950

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Brazil

Manuscript submission date: 2022-02-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-19 06:46

Reviewer performed review: 2022-02-19 06:53

Review time: 1 Hour

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [Y] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No

Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Dear Editor, thank you so much for inviting me to revise this manuscript.   This study addresses a current topic.   The manuscript is quite well written and organized. English could be improved.   The introduction explains in a clear and coherent manner the background of this study.   We suggest the following modifications: • Introduction section: although the authors correctly included important papers in this setting, we believe some studies should be cited within the introduction (PMID: 33215952 ; PMID: 32806956; PMID: 33645367), only for a matter of consistency. We think it might be useful to introduce the topic of this interesting study.   Secondly, the authors should update the results of the recently presented TOPAZ trial assessing durvalumab, including the abstract presented at ASCO GI 2022. • The authors should expand some sections, including a more personal perspective to reflect on. For example, they could answer the following questions – in order to facilitate the understanding of this complex topic to readers: what potential does immunotherapy in BTC hold? What are the knowledge gaps and how do researchers tackle them? How do you see this area unfolding in the next 5 years? We think it would be extremely interesting for the readers.   However, we think the authors should be acknowledged for their work. In fact, they correctly addressed an important topic, the methods sound good and their discussion is well balanced.   We believe this article is suitable for publication in the journal although some revisions are needed. The main strengths of this paper are that it addresses an interesting and very timely question and provides a clear answer, with some limitations. We suggest a linguistic revision and the addition of some references for a matter of consistency. Moreover, the authors should better clarify some points.

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Title: Immunotherapy in Biliary Tract Cancers: Current Evidence and Future Perspectives

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03565115

Position: Peer Reviewer

Academic degree: Doctor

Professional title: Associate Chief Physician

Reviewer's Country/Territory: China

Author's Country/Territory: Brazil

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Reviewer accepted review: 2022-02-28 05:33

Reviewer performed review: 2022-03-08 11:17

Review time: 8 Days and 5 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[Y] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No

| **Peer-reviewer statements** | Peer-Review: [Y] Anonymous   [   ] Onymous |
| | Conflicts-of-Interest: [   ] Yes   [Y] No |

SPECIFIC COMMENTS TO AUTHORS

This review focuses on clinical studies of immunotherapy which reflect the hot research spots in the field of BTC .It has the significance of guiding clinical application of immunotherapy for biliary tract cancers.However,the riview suffers one serious limits:Lacking of systematic and comprehensive comments from author's own view.If more Summary and forecast for future research directions are added,the manuscript could be accepted for publication in this journal.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Scientific quality	[Y] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[Y] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Peer-reviewer	Peer-Review: [Y] Anonymous [ ] Onymous

statements	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The authors addressed all the queries we raised. We recommend Acceptance.