

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 64949

Title: Role of mammalian target of rapamycin complex 2 in primary and secondary liver cancer

Reviewer's code: 05068976

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Spain

Author's Country/Territory: Germany

Manuscript submission date: 2021-02-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-25 17:36

Reviewer performed review: 2021-03-17 11:28

Review time: 19 Days and 17 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 Grade E: Do not publish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
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



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SPECIFIC COMMENTS TO AUTHORS

The manuscript by Joechle et al. constitutes a review manuscript on the role of mTORC2 in primary and secondary liver cancer. The authors herein provide a very critical, complete and comprehensive revision on this topic. The manuscript is very well-written and get together all the relevant information in the field. I only have small comments that might increase even more the quality of this great review.

- The authors only mention intrahepatic cholangiocarcinoma. What about the other types of CCA? And other types of liver malignancies, such as hepatoblastoma? Mixed HCC-iCCA tumors?
- Could the authors provide some information regarding the relevance of mTORC2 in pre-tumoral conditions such as fibrosis, NAFLD, viruses, alcohol, PSC, PBC, etc? It would be important to understand if the alterations are already evident in pre-malignant states.
- This manuscript would greatly benefit from a summary table with the information of mTORC2 (or the mediators of this pathway) regarding levels and correlation with clinics in the several cancers discussed.