

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Surgery

Manuscript NO: 58611

Title: Exosomal non-coding RNAs in cholangiocarcinoma: Laboratory noise or hope?

Reviewer's code: 00069202

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Greece

Manuscript submission date: 2020-07-29

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-07-30 13:58

Reviewer performed review: 2020-07-31 09:31

Review time: 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 Grade E: Do not publish
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 type="checkbox"/> Minor revision <input checked="" 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

Dear authors: The manuscript entitled “Exosomal non-coding RNAs in cholangiocarcinoma: Laboratory noise or hope?” mainly shared the function and role of exosomal non-coding RNAs in CCA. This is a review and some parts need to be adjusted which are as follows: 1. “CCA is the second most common primary liver cancer after hepatocellular carcinoma” was mentioned in the introduction, but distal cholangiocarcinoma also belongs to liver cancer? 2. Exosomes are crucial mediators of intercellular communication since they can transfer miRNA/lncRNA/circRNA to tumor microenvironment and alter biological behavior of other cells. The authors should exhibit visually the procedure of exosomes function by figure. 3. Noncoding RNA can regulate gene expression at epigenetic, transcriptional and post-transcriptional levels by diverse mechanisms, such as sponge, scaffold, guide, decoy and signal, etc. The authors should discuss the mechanisms of exosomal miRNA/lncRNA/circRNA in CCA by separate sections, as well as recent reports. 4. The authors should make the language more native by appropriate modifications. Thank the authors for providing us your painstaking effort. Thank you and best regards. Yours sincerely

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Surgery

Manuscript NO: 58611

Title: Exosomal non-coding RNAs in cholangiocarcinoma: Laboratory noise or hope?

Reviewer's code: 05220432

Position: Editor-in-Chief

Academic degree: MD, PhD

Professional title: Senior Scientist

Reviewer's Country/Territory: United States

Author's Country/Territory: Greece

Manuscript submission date: 2020-07-29

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-08-02 21:39

Reviewer performed review: 2020-08-02 22:09

Review time: 1 Hour

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 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



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SPECIFIC COMMENTS TO AUTHORS

Review about extracellular vesicles and exosomes is very very interesting. Some questions are: Would be interesting to know which kind of vesicles are more powerful among RNAs; MicroRNAs; circRNAs; piRNAs; Exosomes; Extracellular vesicles. What is the half life of each vesicle type in circulation (among RNAs; MicroRNAs; circRNAs; piRNAs; Exosomes; Extracellular vesicles.) How exosome would target cancer cells? Which stage of cell cycle is more suitable for maximum exosomes release in the fluids and why? Table for clinical application provides one study for exosomes and more studies for EVs. While title is about exosomes. If possible inclusion of more studies about exosomes would be good.