



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 57305

**Title:** Notch signalling pathway in development of Cholangiocarcinoma

**Reviewer's code:** 02739495

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Pakistan

**Manuscript submission date:** 2020-06-03

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-06-04 00:11

**Reviewer performed review:** 2020-06-04 04:19

**Review time:** 4 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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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**https://**[www.wjgnet.com](http://www.wjgnet.com)

**SPECIFIC COMMENTS TO AUTHORS**

Well designed and with a fluent style. I recommend it to be published in this journal.



### PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 57305

**Title:** Notch signalling pathway in development of Cholangiocarcinoma

**Reviewer's code:** 00522175

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** Pakistan

**Manuscript submission date:** 2020-06-03

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2020-06-22 07:58

**Reviewer performed review:** 2020-06-24 07:33

**Review time:** 1 Day and 23 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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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**https://**[www.wjgnet.com](http://www.wjgnet.com)

#### **SPECIFIC COMMENTS TO AUTHORS**

Bisma R. and co-authors in the current review gave an update on the contribution of Notch signaling in the development of cholangiocarcinoma (CCA). Overall this review is adequate, however, the originality seems biased by the publication in 2017 (Cigliano et al.) of a very similar paper. In this perspective the authors should privilege the description of most recent findings (after 2017) with regard to Notch and CCA. Some other points, in my opinion, need attention: 1) The relationship between miR-200 and Notch signaling in tumor development should be included. 2) I would suggest to organize the review in sub paragraphs (such for instance: Notch 1, Notch 2; Notch 3 and so on, also for paragraphs regarding ligands and therapeutic agents) in order to improve clarity. 3) I would include a table summarizing main data (with references) regarding Notch signaling and CCA in human and animal models. 4) Another table should summarize main experimental results obtained modulating Notch signaling in CCA . 5) The conclusion paragraph should be shortened as it includes information already reported in the previous parts of the review. 6) There are some type errors that need to be fixed.



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 57305

**Title:** Notch signalling pathway in development of Cholangiocarcinoma

**Reviewer's code:** 05207462

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Professor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** Pakistan

**Manuscript submission date:** 2020-06-03

**Reviewer chosen by:** Jia-Ping Yan

**Reviewer accepted review:** 2020-06-19 09:15

**Reviewer performed review:** 2020-06-28 20:47

**Review time:** 9 Days and 11 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<input checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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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**https://**[www.wjgnet.com](http://www.wjgnet.com)

#### **SPECIFIC COMMENTS TO AUTHORS**

The manuscript is a comprehensive overview on Notch signaling pathways and the implication related for developing innovative therapies against cholangiocarcinoma. The manuscript is well written in English and deserves to be published in *World Journal of Gastrointestinal Oncology* after minor revisions.

- 1 the authors should explain if the manuscript is a systematic review or a narrative review and the procedure adopted in articles' selection. In case of systematic review authors should follow PRISMA guidelines.
- 2 Keyword: modify "Cholangiocarcinma" in cholangiocarcinoma
- 3 In the introduction authors describe an increase in the incidence and mortality rate of cholangiocarcinoma. They should add few lines on the uncertain benefit concerning adjuvant therapy highlighting the aggressive behavior of CCA after radical surgery. Please cite the reference: Messina C, Merz V, Frisinghelli M, et al. Adjuvant chemotherapy in resected bile duct cancer: A systematic review and meta-analysis of randomized trials. *Crit Rev Oncol Hematol.* 2019;143:124-129.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 57305

**Title:** Notch signalling pathway in development of cholangiocarcinoma

**Reviewer's code:** 00522175

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** Pakistan

**Manuscript submission date:** 2020-06-03

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-08-05 13:08

**Reviewer performed review:** 2020-08-05 13:18

**Review time:** 1 Hour

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer statements</b>	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

The authors adequately answered to all my comments. My final suggestion is to accept



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160, Pleasanton, CA 94566, USA  
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this paper.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Gastrointestinal Oncology

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**Professional title:** Professor

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** Pakistan

**Manuscript submission date:** 2020-06-03

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-08-05 14:25

**Reviewer performed review:** 2020-08-05 14:31

**Review time:** 1 Hour

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer statements</b>	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

The authours adressed all reviwers' comments , hence it is suitable for publication.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Pakistan

**Manuscript submission date:** 2020-06-03

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-08-06 07:52

**Reviewer performed review:** 2020-08-06 10:33

**Review time:** 2 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
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<b>Peer-reviewer statements</b>	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

Well designed according to the reviewers' advice. I recommend it to be published in this



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7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA

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