



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 60295

Title: Molecular pathways of liver regeneration – A comprehensive review

Reviewer's code: 03836930

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Canada

Author's Country/Territory: Russia

Manuscript submission date: 2020-10-23

Reviewer chosen by: Ze-Mao Gong

Reviewer accepted review: 2020-11-14 16:38

Reviewer performed review: 2020-12-04 20:13

Review time: 20 Days and 3 Hours

Scientific quality	<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 Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 type="checkbox"/> Major revision <input checked="" 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



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This is a review article, hence these features mostly do not apply. Regarding the second feature, there have been previous recent reviews of the literature surrounding liver regeneration. In order to provide more novelty, it would have been preferable to focus on what the authors call "atypical liver regeneration".



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 60295

Title: Molecular pathways of liver regeneration – A comprehensive review

Reviewer's code: 05038589

Position: Editorial Board

Academic degree: BPharm, MD, MSc, PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: Russia

Manuscript submission date: 2020-10-23

Reviewer chosen by: Ze-Mao Gong

Reviewer accepted review: 2020-11-14 09:39

Reviewer performed review: 2020-12-07 00:10

Review time: 22 Days and 14 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 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input 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



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The review article is well written Congratulations to the authors



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 60295

Title: Molecular pathways of liver regeneration – A comprehensive review

Reviewer's code: 00227486

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: Russia

Manuscript submission date: 2020-10-23

Reviewer chosen by: Ze-Mao Gong

Reviewer accepted review: 2020-12-10 04:34

Reviewer performed review: 2020-12-29 18:47

Review time: 19 Days and 14 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 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 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
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



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It is a well written review paper on liver regeneration. They could add future directions in the conclusion paragraph. As the medicine is moving towards patient tailor therapies, we need to include how gender , hormones and ethnicity would affect the outcomes of liver regeneration. This data is limited in the literature.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Hepatology

Manuscript NO: 60295

Title: Molecular pathways of liver regeneration – A comprehensive review

Reviewer's code: 00227486

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: Russia

Manuscript submission date: 2020-10-23

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2021-01-24 15:24

Reviewer performed review: 2021-01-26 19:45

Review time: 2 Days and 4 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 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 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
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

The authors have revised the manuscript as per the reviewer's comments taking care of



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most of the comments. They could expand their final conclusion paragraph of the manuscript by addition of few more important factors to fill the gaps other than the therapeutics.