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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 10871

Title: Hes1, an important gene for the activation of hepatic stellate cells, is regulated by Notch1 and TGF-β/BMP signaling

Reviewer code: 02860874

Science editor: Yuan Qi

Date sent for review: 2014-04-24 20:22

Date reviewed: 2014-05-15 00:28

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

Congratulations for the authors. In my opinion this is a very well conducted experimental study, it provides new molecular evidence about liver fibrogenesis. The findings in this work are in my opinion potential therapeutic targets that in a future will be the platform for new studies in this area. I suggest some minor changes and corrections in order to improve the drafting of the manuscript and to allow a better comprehension to the reader:

- Not all readers are familiar with technical abbreviations, for example, in the INTRODUCTION, in the second paragraph appears TGF-β/BMP, I recommend that the first time that the abbreviation appears, must be preceded by what it means and then put the abbreviation in brackets, even in case of abbreviations conventionally accepted. This because of in the text appears a lot of abbreviations and for the reader could be easy to miss the sense of the text. If you preferred, I suggest to write a list of abbreviations and their mean after the abstract, I think that way helps to readers don't miss the sense of the text.
- REFERENCES: 2.1.- please, is important to cite the references according to instructions for authors provided by the journal. Many of them have a PMID and DOI. Please provide PubMed citation numbers to the reference list, e.g., PMID and DOI, which can be found at <http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed> and <http://www.crossref.org/SimpleTextQuery/>, respectively. The numbers will be used in E-version of this journal. Example: Jung EM, Clevert DA, Schreyer AG, Schmitt S, Rennert J, Kubale R, Feuerbach S, Jung F. Evaluation of quantitative contrast harmonic imaging to assess malignancy of liver tumors: A prospective controlled two-center study. World J Gastroenterol 2007; 13: 6356-6364 [PMID: 18081224 DOI: 10.3748/wjg.13.6356] 2.2.-



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some references include a number between parentheses, you must omit it, is not necessary to provide it. Example: Choi SS, Diehl AM. Epithelial-to-mesenchymal transitions in the liver. *Hepatology* 2009, 50(6): 2007-13. DELATE NUMBER (6), and correct punctuation signs. After 2009 you put , and you must put ; Please verify that all references are write correctly.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 10871

Title: Hes1, an important gene for the activation of hepatic stellate cells, is regulated by Notch1 and TGF- β /BMP signaling

Reviewer code: 02861124

Science editor: Yuan Qi

Date sent for review: 2014-04-24 20:22

Date reviewed: 2014-05-15 14:19

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[Y] Grade A (Excellent)	[] Grade A: Priority Publishing	Google Search:	[Y] Accept
[] Grade B (Very good)	[Y] Grade B: minor language polishing	[] Existed	[] High priority for publication
[] Grade C (Good)	[] Grade C: a great deal of language polishing	[] No records	[] Rejection
[] Grade D (Fair)	[] Grade D: rejected	BPG Search:	[] Minor revision
[] Grade E (Poor)		[] Existed	[] Major revision
		[] No records	

COMMENTS TO AUTHORS

The submitted MS entitled, ‘Hes1, an important gene for the activation of hepatic stellate cells, is regulated by Notch1 and TGF- β /BMP signaling’ presents a very interesting study. The finding highlights the crosstalk between Notch and TGF- β /BMP signaling modules in the regulation of Hes1 in hepatic stellate cells towards the understanding of anti-fibrotic mechanism. Overall, the study is very well conceived, designed and executed as well as well written. However, there remains a few minor issues listed below that you may like to address to further improve the readability and flow of the paper.

1. Materials and methods: Please restructure the subheading ‘Transfection, Constructs and Luciferase Reporter Assay’ to ‘Constructs, Transfection and Luciferase Reporter Assay’
2. Results: Please avoid phrasing the sentences like ‘We next studied.....’ or ‘We next analyzed.....’ repeatedly.
3. Reference: Please reformat the citations with consistency in volume and issue numbers (if required). For example, compare ref#1 and #4.
4. Figures and Legends: Fig 1A- Change the font color of slides (a, b, c, d) to white for better view and consistency. Fig 1C- In the bands showing α -SMA at day 0 and 1 are having different background compared to rest of the band in the same blot. The same happens with the E-cathedrin bands on day 3,7 and 10. Why? Fig1D- Please incorporate a better resolution picture of Hes-1. Three bands do not seem to be in the same blot. Table 1- It will be better to print the primer sequences in Italics.

4. Discussion: In the last paragraph please correct to read as ‘Nonetheless, it could reduce the effects of NICD1 on the expression of Hes1’.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 10871

Title: Hes1, an important gene for the activation of hepatic stellate cells, is regulated by Notch1 and TGF-β/BMP signaling

Reviewer code: 02860966

Science editor: Yuan Qi

Date sent for review: 2014-04-24 20:22

Date reviewed: 2014-05-17 03:10

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input checked="" type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
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<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

Thank you for the opportunity to review this manuscript.