

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

ESPS manuscript NO: 13777

Title: Mechanisms of hepatocellular carcinoma and challenges and opportunities for molecular targeted therapy

Reviewer's code: 00483989

Reviewer's country: France

Science editor: Fang-Fang Ji

Date sent for review: 2014-09-01 19:15

Date reviewed: 2014-09-18 15:43

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

This review is very interesting. It is describing in a nice way recent advances in the understanding of the molecular mechanisms underlying the development of hepatocellular carcinoma. Furthermore the authors are describing new strategies for cancer therapies of liver cancer that can be helpful for further researches. However this review can be improved if the authors could develop in more details the different opportunities and challenges for the treatment of liver cancer. Minor thing: few mistakes in the text and a lot of spaces between words are missing. A figure is missing to improve the review

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

ESPS manuscript NO: 13777

Title: Mechanisms of hepatocellular carcinoma and challenges and opportunities for molecular targeted therapy

Reviewer's code: 00069629

Reviewer's country: Thailand

Science editor: Fang-Fang Ji

Date sent for review: 2014-09-01 19:15

Date reviewed: 2014-09-21 00:32

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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 checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
		BPG Search:	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Some parts of the manuscript seem rather general to any cancers (not so specific to hepatocellular carcinoma). It would be clearer if the authors show the list of genes / pathways which frequently alter in hepatocellular carcinoma, categorize them in groups then explain their functions and significant in liver cancer and give also evidences. The author should emphasize on the molecules/mechanisms/pathways which are quite unique for liver cancer such as HBVx. They should also mention whether the alterations are varied depending on the causes of cancer (HBV, HCV, carcinogens (aflatoxin), alcohol, cirrhosis, etc.). Minor points The authors should give the references of the two theories of original of liver cancer stem cells? Several typo (especially absence of space between words) need to be correct.