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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 27739

Title: COX-2 expression is associated with initiation of hepatocellular carcinoma in patients with hepatitis B virus-related cirrhosis,while EP1 receptor expression predicts survival

Reviewer's code: 00182548

Reviewer's country: Romania

Science editor: Ya-Juan Ma

Date sent for review: 2016-06-16 15:22

Date reviewed: 2016-06-28 23:49

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 checked="" 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"/> 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"/> No	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input 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

Despite its limitations, the article is interesting and useful. It can contribute to better understanding of the pathogenetic mechanism of HCC. There are several grammatical errors that must be corrected (COX-2 catalyses, cytokines may involve in different aspects, in future studies, and so on). References must be written in agreement with the recommendations of the journal.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 27739

Title: COX-2 expression is associated with initiation of hepatocellular carcinoma in patients with hepatitis B virus-related cirrhosis,while EP1 receptor expression predicts survival

Reviewer's code: 00053684

Reviewer's country: Brazil

Science editor: Ya-Juan Ma

Date sent for review: 2016-06-16 15:22

Date reviewed: 2016-07-01 21:48

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 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"/> 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 type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

The manuscript is interesting and original because there are few studies about COX2 and HCC. However, the English is not good and there are grammatical errors. Also, the discussion needs to improve. It is so concise. The references must be written in agreement with the recommendations of the journal.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 27739

Title: COX-2 expression is associated with initiation of hepatocellular carcinoma in patients with hepatitis B virus-related cirrhosis,while EP1 receptor expression predicts survival

Reviewer's code: 00052926

Reviewer's country: Greece

Science editor: Ya-Juan Ma

Date sent for review: 2016-06-16 15:22

Date reviewed: 2016-07-17 03:06

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 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"/> 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 type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

This is a well performed, analysed and written study on COX-2 and EP1 receptor immunoreactivity in patients with HCC. The investigators found that COX-2 immunoreactivity was significantly higher in well-differentiated HCC tissues and EP1 receptor immunoreactivity was significantly higher in poorly differentiated tissue than in well-differentiated tissue. In addition, Cox hazards model identified that AFP >400 ng/mL, tumor size ≥5 cm, and EP1 receptor expression were independently associated with OS. These results may have clinical significance since targeting the EP1 receptor may provide a selective approach to treating HCC. Comments 1.As AFP >400 ng/mL, tumor size ≥5 cm, and EP1 receptor expression are inversely related to overall survival, the Hazard Ratio in Table 2 should be less than 1 (and not more than 1) in all 3 parameters. 2.In the introduction section."COX-2 catalyses the conversion of arachidonic acid into prostaglandin E2, which binds to the G-protein-coupled EP1 receptor, promoting progression of various types of tumors" needs rephrasing. 3.In the limitations section of the discussion "First, in this draft, the authors used only HE



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method, more accurate and quantitative method should be applied in future studies" needs rephrasing 4. Studies instead of stuties. 5. Cox hazards model instead of Cox hazards modeling.