

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**ESPS manuscript NO:** 17611

**Title:** Notch1 Downregulation Inhibits the Invasion and Migration of Hepatocellular Carcinoma Cells through enhancing IL-24-mediated apoptosis--a novel and potentially way for treatment

**Reviewer's code:** 02992572

**Reviewer's country:** Japan

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2015-03-15 12:23

**Date reviewed:** 2015-04-12 11:14

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 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"/> 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

Interesting study about the invasion and migration of hepatocellular carcinoma cells through enhancing IL-24-mediated apoptosis. In this study, the authors intended to confirm the anti-invasion and anti-migration effects of the down-regulation of Notch1 in hepatocellular carcinoma cells. The  $\gamma$ -secretase inhibitor-I sensitizes hepatocellular carcinoma cells to apoptosis mediated by IL-24 were reported. The authors found that the down-regulation of Notch1 by siRNA or GSI-I can increase the mRNA and protein expressions of E-cadherin and decrease the invasion and migration capabilities of hepatocellular carcinoma cells. Some suggestions: 1 The manuscript need some editing about the format and language. e.g., the abstract should be divided into aim, method, result, and conclusion. 2 The results are clear, but it should discussed with more recent references. 3 Color figure 2 can be provided.