

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 32474

**Title:** CMA Down-regulated the p53 Expression through Degrading HMGB1 Protein to Inhibit Irradiation-triggered Apoptosis In Hepatocellular Carcinoma

**Reviewer's code:** 02942902

**Reviewer's country:** Japan

**Science editor:** Ya-Juan Ma

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

## COMMENTS TO AUTHORS

It is well-known that p53 is one of important molecule for anticancer mechanism. The authors showed the CMA activation was associated with the reduced p53 and apoptosis. They showed that CMA (not MDM) could decrease p53 protein through the reduction of HMGB1. I consider this paper is generally well-written. However, I have some comments. In some figures (Fig.2d, Fig.3e and Fig. 3f), they should show the results with statistical analysis (as shown in Fig. 3b and Fig 3d). In particular, reduction of p53 and p21 by EP administration seem to be mild (in Fig.3e). In order to confirm the reproducibility, reduction should be shown by a statistical significance.