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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 11281
Title: Anti-proliferative Effects of Cinobufacini on HepG2 Cells Detected by Atomic Force Microscopy
Reviewer code: 00069464
Science editor: Yuan Qi
Date sent for review: 2014-05-13 20:45
Date reviewed: 2014-06-15 23:37

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

COMMENTS TO AUTHORS

Atomic force microscopy provides qualitative and quantitative information on the architecture of cell membranes such as apoptosis. In this study, the changes in morphology and the biophysical properties of apoptosis should be supplemented.

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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 11281
Title: Anti-proliferative Effects of Cinobufacini on HepG2 Cells Detected by Atomic Force Microscopy
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Science editor: Yuan Qi
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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] Existing	[ ] High priority for publication
[Y] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] No records	
[ ] Grade D: Fair	[ ] Grade D: Rejected	BPG Search:	[ ] Rejection
[ ] Grade E: Poor		[ ] Existing	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

Dear Editor, This is an original molecular research investigating the possible anti cancer effect of cinobufacini -a traditional Chinese medicine- on hepatocellular cancer cell lines. Previous studies of this traditional medicine pointed the possible involvement of apoptotic pathways in this drug's anticancer effect. Here the authors' study revealed the morphological cellular changes in cancer cells by atomic force microscopy after drug treatment with different concentrations. These findings also suggest apoptotic cell death. One significant limitation of this manuscript is there is no randomized clinical study that investigated the effect of the drug in hepatocellular cancer. In my opinion this should be clearly underlined in the manuscript. My final opinion is acceptance of the manuscript.