

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 3998

Title: Experimental study on apoptosis and the pathway of apoptosis induced by Diallyl trisulfide in Capan-2 human pancreatic cancer cells

Reviewer code: 00057878

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-06-07 17:59

Date reviewed: 2013-06-13 00:47

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<input checked="" type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	language polishing	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

In this report, Ma and colleagues present data demonstrating a pattern of cell survival and gene expression changes suggesting that diallyl disulfide may provide therapeutic benefit against pancreatic ductal adenocarcinoma. The data are presented nicely and the findings merit publication. I have only two minor comments. 1. This manuscript would benefit from close English grammatical editing. 2. It is interesting and helpful to note that the changes induced by diallyl disulfide were largely limited to the carcinoma cell line and not to the primary epithelial cell line. Can the authors provide any information about the potential systemic toxicity of diallyl disulfide if it were to be administered in vivo at levels that appear to approximate the in vitro therapeutic range (e.g., 100 uM)?