



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 32943

Title: Alternative therapy in acute pancreatitis: Perspective of traditional Chinese medicine in pancreas protection

Reviewer’s code: 00036668

Reviewer’s country: United States

Science editor: Yuan Qi

Date sent for review: 2017-02-02 14:43

Date reviewed: 2017-02-02 19:39

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 checked="" type="checkbox"/> Grade C: Good	<input checked="" 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 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

This is an interesting topic and is also an important clinical condition appropriate for the journal. I think that there may be many such types of reviews that come out on Chinese traditional medicine and this is one look at several potential mechanisms on how these therapies may work from a molecular perspective. It made reach the bar for publication but currently it still needs to be extensively edited for English grammar and construction. The authors also need to more extensively detail and describe the potential second second messenger pathways. I recommend they provide some figures which describe the structure of the mediators and something about how they are used with other forms of medication. For example, are there important drug interactions? What are the target cells in each case and the mechanisms? What are the toxicities or problems about these drugs. The descriptions are still too superficial. This is a good start and will make a nice addition after expanding. As it is now this report may not be as interesting to clinicians and appeals more to basic scientists. Please take the opportunity to make it more clinical. Are there clinical studies on these treatments? How do they compare with other therapies? Several targets are



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described, e.g. junctional proteins in lung injury. Is this in rats, mice or humans? Please state what is known in each system (rat, human, etc.) and in what AP model. Do AP models accurately reflect human disease? Cerulein is a useful model but is not like human disease in all respects. Please make the changes in content and then have edited for English language, providing the list of chemistries. I included some changes to the abstract.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 32943

Title: Alternative therapy in acute pancreatitis: Perspective of traditional Chinese medicine in pancreas protection

Reviewer's code: 00012386

Reviewer's country: Japan

Science editor: Yuan Qi

Date sent for review: 2017-02-02 14:43

Date reviewed: 2017-02-03 21:27

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

1. The definition of AP and SAP is unclear. Authors should mention about it. 2. In Table 1, authors should describe the survival rates and/or curative rates of acute pancreatitis. 3. Text seems descriptive. Authors should use more tables and figures.



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 32943

Title: Alternative therapy in acute pancreatitis: Perspective of traditional Chinese medicine in pancreas protection

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Reviewer’s country: Estonia

Science editor: Yuan Qi

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" 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 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

This is a well written review paper concerning the detailed analyze of usage of Traditional Chinese medicine (TCM) as a potential and supplementary treatment of acute pancreatitis. The authors analyzed the literature data concerning the usage of variety of widely used in TCM formula and single herb for treatment of acute pancreatitis and describe also the possible mechanisms of their curative effect and mechanisms on inflammatory and immunological response in case of acute pancreatitis. The Table give and good overview about the targeting mechanisms of different and commonly used formulas of TCM. The authors conclude that TCM could be a promising complementary and alternative therapy for the treatment of acute pancreatitis. However, the following point needs to be considered: 1. The majority of the literature analyzed in this paper concern the experimental studies on the mice and rats and therefore is difficult to translate these results on humans, taking into account that acute pancreatitis is a very acute state and usually the patients need the rapid and intensive traditional medical treatment. 2. For the readers who are not familiar with traditional Chinese medicine would be useful to explain some terms and their meaning,



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like "heat evil", "qi", "yin".