

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Hepatology

**ESPS manuscript NO:** 27269

**Title:** DNA methylation of angiotensin II receptor gene in nonalcoholic steatohepatitis-related liver fibrosis

**Reviewer's code:** 03563089

**Reviewer's country:** Kuwait

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2016-05-21 21:22

**Date reviewed:** 2016-05-29 18:38

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

## COMMENTS TO AUTHORS

My only concern is how do the authors compare the therapeutic effects of demethylating for the treatment of liver fibrosis to that of Green Tea Extract (GTE) and the oxymatrine on preventing hepatic fibrosis and anti-fibrotic effects of Gantai capsules and several other agents? I therefore, have no further comments on this paper except to approve it for its publication.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Hepatology

**ESPS manuscript NO:** 27269

**Title:** DNA methylation of angiotensin II receptor gene in nonalcoholic steatohepatitis-related liver fibrosis

**Reviewer's code:** 00054303

**Reviewer's country:** Australia

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2016-05-21 21:22

**Date reviewed:** 2016-06-01 09:38

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 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 checked="" type="checkbox"/> Minor revision
<input checked="" 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 manuscript addresses the role of DNA methylation of angiotensin II receptor in fibrosis development in a NASH rat model. The CDAA dietary model of NASH is used to examine Agtr1a methylation in addition to isolated hepatic stellate cells from untreated rats. 1. Can the authors comment on the use of the CDAA diet model – while this model replicates the fat accumulation and fibrosis seen in human NASH, the metabolic profile is different to that seen in humans. Would use of a different NASH model influence Agtr1a methylation? 2. The main finding of the study is that methylation increases in CDAA-fed animals but this finding is not statistically significant. Can the authors comment on the high variability seen in their results – is the animal model variable or the methodology? Was the study powered sufficiently to detect changes? Why are different group sizes used for each group? 3. Why are there no error bars or statistical analysis done for Figures 3 and 4? This implies the experiment was only performed once which is inappropriate for experiments using primary cell isolates. 4. No information is given on fibrosis in the model. Following 8 and 12 weeks of CDAA diet what fibrosis stage is reached?

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**Name of journal:** World Journal of Hepatology

**ESPS manuscript NO:** 27269

**Title:** DNA methylation of angiotensin II receptor gene in nonalcoholic steatohepatitis-related liver fibrosis

**Reviewer's code:** 03407296

**Reviewer's country:** Turkey

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2016-05-21 21:22

**Date reviewed:** 2016-06-06 21:13

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" 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 type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	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

The study is original and well designed. My recommendation is accepted.