

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 16533

**Expression of renal Oat5 and NaDC1 transporters in rats with acute biliary obstruction**

**Reviewer's code:** 03251967

**Reviewer's country:** South Korea

**Science editor:** Jing Yu

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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 checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input checked="" 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

In this manuscript, the authors intended to characterize the urine excretion of organic anions and the expression of Oat5 and NaDC1 in bile duct ligated rat kidneys. This can be an interesting study, but need much more work before its publication.

- 1 Need to show samples from all animals in Figure 1 and 2 since there were only 4 in each group. Reference proteins also need to be included.
- 2 Were the altered expression of these two genes at mRNA level or at protein level only?
- 3 Is there any immunofluorescence or immunohistochemistry labeling confirming increased membrane expression of kidney NaDC1 after BDL?
- 4 Most importantly, what causes the expression alteration of these genes? This will need some in vitro experiments.
- 5 The results were not well illustrated and the Discussion is too lengthy.
- 6 Gene symbols of Oat5 and NaDC1 need to be included when they first appear in the text.