

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 28315

Title: Galectin-3 and IL-33/ST2 Axis Roles and Interplay In Diet-Induced Steatohepatitis

Reviewer's code: 02659331

Reviewer's country: France

Science editor: Yuan Qi

Date sent for review: 2016-06-30 09:49

Date reviewed: 2016-07-08 17:42

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

Interesting review on the involvement of Gal-3 and IL33/ST2 axis in the pathogenesis of NASH. The review is well structured, based on personal studies of the authors but also on pertinent bibliographic references. To improve this work I suggest the following modifications: #reduce the number of abbreviations throughout the text and check carefully that all have been defined before being used; for example, sST2 is defined on page 15 but already used on page 6 #insert a table highlighting the mRNA targets affected by the HFD in Gal-3 KO and ST2 KO mice to easily identify common and specific targets #in figure 2 the difference in fibrosis intensity between WT C57 Bl/6 and BALBc mice is not evident #could you provide further mecanistical détails on how Gal-3 modulates the mRNA levels of IL13, TLR4 mRNAs? Minor points: Among the reference list, the journal names is lacking for references 4 and 7. You mentionned that sST2 and Gal-3 are approved biomarkers for myocardial infarction or fibrosis. Do they have similar diagnostic efficiency in these situations ? Have these markers being used for hepatic fibrosis diagnosis as non invasive Tools?