

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 29539

**Title:** Restructuring of the vascular bed in response to hemodynamic disturbances in portal hypertension

**Reviewer's code:** 03261482

**Reviewer's country:** China

**Science editor:** Jing Yu

**Date sent for review:** 2016-08-19 17:36

**Date reviewed:** 2016-08-23 14:50

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 checked="" 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 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

1. Some parts of the article like "MOLECULAR MECHANISMS OF THE ANGIOGENIC PROCESS" need to be revised for more logicity. 2. Some descriptions of the mechanisms are good, but they don't go far enough. For example, "Increased levels of TNF- $\alpha$ , IL-1 $\beta$ , and IL-6 in the aorta, as a result of oxidative stress, plays an important role in the induction of immune-mediated systemic vascular process in portal hypertension." How do these three factors function in the progress? 3. Could the authors make an illustration for their descriptions?

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 29539

**Title:** Restructuring of the vascular bed in response to hemodynamic disturbances in portal hypertension

**Reviewer's code:** 02548745

**Reviewer's country:** Denmark

**Science editor:** Jing Yu

**Date sent for review:** 2016-08-19 17:36

**Date reviewed:** 2016-08-30 02:41

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 checked="" 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 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

The present paper reviews research in the field of angiogenesis and vascular remodelling as a consequence of portal hypertension and their role portal hypertension related complications, mentioning specifically variceal bleeding. Major Points Although suggesting that better understanding of the subject may lead to improved treatment, the review is very vague in pointing to specific research areas which may in the future lead to targeted therapies. I think the paper would be markedly improved if the authors stated in the conclusion which targets you suggest (anti-VEGF, anti-inflammatory) are likely productive and why you believe that they are more or less likely to succeed. Minor criticism 1) Although generally well-written and clear, the abstract, and its conclusion in particular, is not. 2) Some readers may be less familiar with the complex changes leading to portal hypertension and the associated hyperdynamic circulation, and might appreciate a figure, perhaps pointing to the relevant complications