

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

ESPS manuscript NO: 20569

Title: Innate immune recognition of hepatitis B virus

Reviewer's code: 02445074

Reviewer's country: United States

Science editor: Fang-Fang Ji

Date sent for review: 2015-06-15 14:40

Date reviewed: 2015-06-17 08:40

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

GENERAL COMMENTS: It is a worthy topic. Some of the English expression needs much work - comments below only begin to address the problems. It would have helped the reviewer to have the pages and lines numbered. **SPECIFIC COMMENTS:** 1. Abstract Reword as "remains controversial". Reword as "Data accumulated". Reword as "Such evaluation could help us understand". 2. Core tip Reword as "receptors, resulting in the production of". 3. Introduction Reword as "This review will evaluate current findings, some of which are contradictory, regarding induction of innate immunity by HBV infection and how innate immune sensors are able to recognize HBV components". 4. "trained immunity"? 5. "formatting capsids"? 6. Reword as "and thus induces innate immune responses that restrict virus replication and expansion". 7. Reword as "Of particular relevance is that in chronic infections HBV not so much escapes induction innate immunity by 'stealth' but can actively suppress induction, through the action different viral proteins". 8. Reword as "may be helpful in clearing HBV infections".

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

ESPS manuscript NO: 20569

Title: Innate immune recognition of hepatitis B virus

Reviewer's code: 03309531

Reviewer's country: United States

Science editor: Fang-Fang Ji

Date sent for review: 2015-06-15 14:40

Date reviewed: 2015-07-16 20:37

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 checked="" 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"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

The article entitled "Innate Immune Recognition of Hepatitis B virus" written by Drs. Liu and Zhang highlights some of the recent advances to examine the role of TLR signaling through innate immune cells (in particular the kuffer cells and hepatocytes). This article is well written and highlights some of the new work examining the role of innate immune cells by HBV. I would like to see a little more discussion about some of the specific mechanisms by which signaling through PRRs can protect the host against of HBV (specially reference 21).