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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 9474

Title: CYTOKINE PRODUCTION IN PATIENTS WITH CIRRHOSIS AND TOLL-LIKE RECEPTOR 4 POLYMORPHISMS

Reviewer code: 00503623

Science editor: Ya-Juan Ma

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

The studies presented in the MS NO.9474 provide the data on the cytokine (IL6 and IL10) and TNF production by peripheral blood cells from cirrhotic patients with and without TLR4/D299G and /or T399I polymorphism. The cytokine production was assessed before and after LPS and LTA stimulation. Based on the presented data the authors suggest that the presence of TLR4/D299G and/or T399I polymorphism may be associated with a distinct pattern of cytokine production in patients with cirrhosis and, hence could be responsible for the development of complications. This is quite informative, well written, and relatively well presented study. However, there are several omissions that detract the reader. One, the most obvious is the lack of any definition as to the differences between LTA and LPS. Namely, how LTA differs from LPS? This should be provided in the Introduction. The other question to be answer in the Method section is the bacterial source of LPS and LTA.