

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Pathophysiology

ESPS manuscript NO: 16300

Title: Emerging roles of myeloid derived suppressor cells in hepatic inflammation and fibrosis

Reviewer's code: 02444978

Reviewer's country: Italy

Science editor: Yue-Li Tian

Date sent for review: 2015-01-10 14:12

Date reviewed: 2015-01-28 16:46

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	PubMed Search:	<input checked="" type="checkbox"/> Accept
<input checked="" 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 checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		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

This is a very good review focused on the role of myeloid derived suppressor cells in the liver. Their activation and differentiation mechanism, as well as the immunosuppressor action during inflammation and fibrosis are accurately described. Moreover their role supporting the development of liver primary tumors and metastasis is briefly discussed. The review of the literature is appropriated and up to date and the figure is explanatory. I have just to suggest a discretionary revision. In the abstract is stated that "the liver is a primary site of MDSC in vivo, and modulating MDSC functionality might represent a promising novel therapeutic target for liver diseases": consistent with the expected length of the text, it could be interesting to briefly report some perspective of these therapeutic strategies, if it is possible at present.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Pathophysiology

ESPS manuscript NO: 16300

Title: Emerging roles of myeloid derived suppressor cells in hepatic inflammation and fibrosis

Reviewer's code: 00009417

Reviewer's country: Germany

Science editor: Yue-Li Tian

Date sent for review: 2015-01-10 14:12

Date reviewed: 2015-02-28 01:00

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	PubMed Search:	<input checked="" type="checkbox"/> [Y] Accept
<input checked="" type="checkbox"/> [Y] Grade B: Very good	<input checked="" type="checkbox"/> [Y] 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 checked="" type="checkbox"/> [Y] No	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> Grade E: Poor		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"/> [Y] No	

COMMENTS TO AUTHORS

The interesting and substantial review/ editorial summarizes important aspects concerning myeloid derived suppressor cells (MDSC). The cells are pathophysiologically associated with hepatic inflammation, fibrosis, and hepatocellular carcinoma. The article is well written and adequately illustrated. Comments The role of MDSCs in the communication of liver and bowel should be addressed.