

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 5654

Title: THE MULTIPOTENT ROLE OF PLATELETS IN INFLAMMATORY BOWEL DISEASES: A CLINICAL APPROACH

Reviewer code: 00069475

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-09-20 23:01

Date reviewed: 2013-09-24 05:16

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

COMMENTS TO AUTHORS

It's a very nicely written review article. It brings new concept to the IBD although many aspects still remain unclear and require further research to clarify them. It broadens the thinking of IBD. It provides good foundation for the connection between IBD and cardiovascular disease.

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ESPS Manuscript NO: 5654

Title: THE MULTIPOTENT ROLE OF PLATELETS IN INFLAMMATORY BOWEL DISEASES: A CLINICAL APPROACH

Reviewer code: 00503571

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-09-20 23:01

Date reviewed: 2013-09-24 18:55

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

Authors of a review concern very important and intriguing issue – thrombocytosis problem in IBD. Authors did comprehensive job, analyzing practically all PubMed publications on this issue. However, I have several remarks concerning the manuscript. 1) Review is too long and should be better structured and shortened. 2) Authors stated that thrombocytosis in IBD could be related both to iron deficiency and being as surrogate marker of inflammation. However, the significance of iron deficiency as the cause of thrombocytosis in IBD seems to be overestimated. There are no publications (or observations from clinical practice) that iron supplementation could normalize elevated platelets in IBD. Contrarily, anti-inflammatory treatment is very effective in normalization of number of platelets.

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ESPS Manuscript NO: 5654

Title: THE MULTIPOTENT ROLE OF PLATELETS IN INFLAMMATORY BOWEL DISEASES: A CLINICAL APPROACH

Reviewer code: 00068103

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-09-20 23:01

Date reviewed: 2013-09-30 01:17

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input checked="" 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)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

The reviewed manuscript discussed about the function of PLT and its potential role and incidence in IBD. The topic is interesting although some recent related articles need to be cited. The paragraph titled "Platelets as active inflammatory components" needs intensively describing, especially the interaction and bilateral function regulation between PLT and immune cells, and the possible mechanism. A schematic illustration is encouraged and required about the interaction between PLT and immune cells. Minor concerns: The language needs to be revised, as well as word spelling. For example, in page 3, line 11 "week", etc.

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ESPS Manuscript NO: 5654

Title: THE MULTIPOTENT ROLE OF PLATELETS IN INFLAMMATORY BOWEL DISEASES: A CLINICAL APPROACH

Reviewer code: 00189171

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-09-20 23:01

Date reviewed: 2013-10-18 04:45

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

This paper summarizes all the relevant knowledge regarding the role of platelets in the pathogenesis of inflammatory bowel diseases. It also review the complications of which may connected to abnormal platelet count or dysfunction. Major concerns: Cause of elevated platelet count may be related to many causes. Inflammation and iron deficiency are the main relevant ones in inflammatory bowel disease. Authors reviewed the pro- and cons – as it is stated in the manuscript. Despite the conflicting results in the literature, the authors should unfold they own ideas regarding their own opinion about the cause of elevated platelet count (iron deficiency or inflammation), predictive value of morphological changes of platelets, etc. As authors of this review has an experimental experience on this field, the readers may interested in their opinion on these conflicting data. I feel the conclusion section to be too short. Minor concerns: Use of the abbreviations should be revised, because the high number of them makes the manuscript a bit hard to read. Those which are not used further on the manuscript should be eliminated from the text. Some of them are positioned on a wrong place, eg. IBD in the first sentence are used as a duplication, and there is no displayed the resolution of the PLT in the first paragraph. Some other abbreviations are also not cleared further on (C-Mpl, SCCAI, CDAI, PLA, MPs, etc.) First sentence of the second chapter of the second part of the manuscript (“Thrombopoiesis is the biological function of PLT...”) I a bit confusing for me, it should be cleared. Manuscript would be more convenient to read if one or two well-designed figure would illustrate the text. Figure(s) might sign the factors which influence the count and function of the platelets and which are produced by the platelets itself, also. 12th page, 2nd chapter: soluble fraction of P-selectin instead of sP-selection There is a section in the “quantitative and qualitative



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platelet changes” regarding the thromboembolism, and an other one later (page 14). These parts should be harmonized.