

ESPS Peer-review Report**Name of Journal:** World Journal of Translational Medicine**ESPS Manuscript NO:** 8694**Title:** ASSESSMENT OF PLATELET FUNCTION: LABORATORY AND POINT-OF-CARE METHODS**Reviewer code:** 02458824**Science editor:** Song, Xiu-Xia**Date sent for review:** 2014-01-03 18:20**Date reviewed:** 2014-01-10 22:16

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 checked="" 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	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

Authors perform an exhaustive review about the assessment of platelet function. The list of references is very good.

ESPS Peer-review Report

Name of Journal: World Journal of Translational Medicine

ESPS Manuscript NO: 8694

Title: ASSESSMENT OF PLATELET FUNCTION: LABORATORY AND POINT-OF-CARE METHODS

Reviewer code: 02445848

Science editor: Song, Xiu-Xia

Date sent for review: 2014-01-03 18:20

Date reviewed: 2014-01-10 23:51

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 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 language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

Authors performed an exhaustive review of the available methods for assessing the platelet function. The manuscript could be accepted with only minor revision. 1) Table 1 could be improved with the addition of 1 column indicating the applications and/or possible applications of the methods 2) page 4 line 15 correct the phrase "then hemostasis is usually and there may be an associated...." 3) page 4 line 17 platelets 4) page 4 line 18 result 5) page 5 line 1 an useful 6) page 5 line 8 and could be modified with as well as 7) page 5 line 23 correct the phrase: In table I..... 8) Page 9 line 6 bind instead of attach 9) Page 10 line 1 correct the phrase: Different reports elucidated that..... 10) Page 10 line 8 Flow cytometry (FC) platelet analysis 11) Page 10 line 9 allows instead of permits 12) Page 10 line 15 an useful tool 13) Page 10 line 21 antibodies may be directly conjugated... 14) Page 10 line 23 secondary 15) Page 11 line 10 clot instead of plug 16) Page 12 line 28, 29 and 30 rewrite 17) Page 14 line 9 conducted 18) Page 15 line 1 studies should be performed in order to define the possible role of these....

ESPS Peer-review Report

Name of Journal: World Journal of Translational Medicine

ESPS Manuscript NO: 8694

Title: ASSESSMENT OF PLATELET FUNCTION: LABORATORY AND POINT-OF-CARE METHODS

Reviewer code: 02446592

Science editor: Song, Xiu-Xia

Date sent for review: 2014-01-03 18:20

Date reviewed: 2014-01-12 05:59

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 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 language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

Review Report of the paper entitled: "Assessment of Platelet function: laboratory and point of care methods" by Paniccia et al. The authors review all the currently available methods testing platelet function with emphasis on the point of care methods. Although the authors made a remarkable effort to cover this significant wide field, there are few points that could be improved before its acceptance for publication. Major points: 1. The authors should provide a Table comparing the advantages and disadvantages of each platelet function test 2. "Plateletworks" methods should be explained better. 3. The authors should refer more extensively to the new instructions regarding LTA aggregometry. 4. The assessment of platelet function other than aggregation, like platelet-derived SDF-1 expression could be also reviewed in a separate paragraph (see also: Platelet-derived CXCL12 (SDF-1α): basic mechanisms and clinical implications. Chatterjee M, Gawaz M. J Thromb Haemost. 2013 Nov;11(11):1954-67. doi: 10.1111/jth.12404). 5. The clinical value of platelet function assesement shall be also shown in a separate Table (major clinical studies including platelet aggregation -LTA or PFA-100 or VerifyNow) 6. The authors shall briefly discuss in a separate paragraph (Future perspectives) the absence of valid further platelet function tests like platelet spreading, adhesion, secretion, interaction with circulating mononuclear cells including CD34+ progenitor cels, etc and their possible clinical value in future.