BAISHIDENG PUBLISHING GROUP INC
8226 Regency Drive, Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242 Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com http://www.wjgnet.com

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Immunology
ESPS manuscript NO: 21656
Title: Dendritic cells and the extracellular matrix: A challenge for maintaining tolerance/homeostasis
Reviewer's code: 02505493
Reviewer's country: Greece
Science editor: Fang-Fang Ji
Date sent for review: 2015-07-27 15:18
Date reviewed: 2015-08-03 22:17

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[Y] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

The present m/s is reviewing the evidence describing the interactions between dendritic cells and extracellular matrix and the constantly changing role of the latter in directing dendritic cell responses in normal conditions versus in inflammation. The m/s is well organized. The authors describe the dendritic cells and their properties, as well as the various dendritic cell subsets, the functions of extracellular matrix, especially its active role in regulating normal or pathological states of inflammatory cells, the role of tissue matrices and dendritic cells in homeostasis, the modulation of matrices by dendritic cells, the major ECM components impinging on dendritic cells, the receptors of dendritic cells for ECM, the design of intelligent biomaterial to mimic ECM in tissue regeneration and they close their review with the concluding remarks. It is a very interesting review, especially because it focuses to the dual role of extracellular matrix in inflammation. However, there are several points to be considered, in order to be suitable for publication. Major points Page 5, line 2 (and elsewhere, for cell type abbreviations): Use DCs and APCs, instead of DC and APC, respectively. Page 7, lines 16-19: the sentence needs rephrasing. Page 13, lines 19-21: the sentence needs rephrasing. Page 14,

line 28 – page 15, line 4: the sentence needs rephrasing. Page 23, line 14: the authors write "The ECM protein hyaluronan …", although they have previously described the structure of hyaluronan (page 17, line 24). Minor points Page 8, line 11: "homeostasis" instead of "homestasis". Page 11, line 10: Remove the parenthesis. Page 12, line 9: "activates" instead of "activated". Page 13, line 24: "has" instead of "have". Page 13, line 25: Use one term for "hematopoiesis"/"haematopoiesis" (see also hematopoietic). Page 14, line 8: "was" instead of "were". Page 14, line 17: the plural of the word "stroma" is "stromata", otherwise use the singular "stroma". Page 14, line 29 (and elsewhere): "heparan" instead of "heparin". Page 18, line 12: insert the word "and" between the words "arthritis myocarditis". Page 18, line 23: "remodelling". Page 20, lines 1-4: insert commas in the sentence at the suitable positions. Table 1: Do not align columns at right end.

BAISHIDENG PUBLISHING GROUP INC
8226 Regency Drive, Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242 Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com http://www.wjgnet.com

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Immunology
ESPS manuscript NO: 21656
Title: Dendritic cells and the extracellular matrix: A challenge for maintaining tolerance/homeostasis
Reviewer's code: 02565578
Reviewer's country: Italy
Science editor: Fang-Fang Ji
Date sent for review: 2015-07-27 15:18
Date reviewed: 2015-07-28 17:01

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[Y] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

The authors review available data on ECM-dendritic cell interaction for immunological tolerance or response activation (for instance in skin, intestine, liver, cornea and spleen) and highlighting the need for consideration of the effects of tissue engineering biomaterials on DC behaviour and function. The review is comprehensive, exhaustive, and discusses a wide array of different perspectives and applications of the topic.