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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 18982
Title: A role of regulatory T cell in the pathogenesis of IBD
Reviewer's code: 03415944
Reviewer's country: Poland
Science editor: Yuan Qi
Date sent for review: 2015-05-05 15:58
Date reviewed: 2015-09-22 21:32

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 Authors in the manuscript entitled "A role of regulatory T cell in the pathogenesis of IBD" present selected issues connected with the types and functions of regulatory CD4+ T cells (Treg cells) and describe their roles in the pathologies of the inflammatory bowel diseases (IBD). They have widely reviewed the most significant human and animal studies regarding the mechanisms by which Treg cells influence inflammatory process in IBD patients. The authors evaluated potential uses of these cells in therapeutic IBD strategies. In my opinion presented manuscript can be published after minor revisions. Minor errors: 1. In my opinion the manuscript needs to be revised carefully once again, because some minor linguistic errors. 2. In my opinion the scheme showing the summary of Treg cells possible involvement in pathogenesis of IBD will be a big advantage of manuscript.

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 18982
Title: A role of regulatory T cell in the pathogenesis of IBD
Reviewer's code: 00013033
Reviewer's country: Hungary
Science editor: Yuan Qi
Date sent for review: 2015-05-05 15:58
Date reviewed: 2015-09-24 03:52

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[ ] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[Y] 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

This is a comprehensive review paper on the role of T-cells in the pathogenesis of IBDs. Comments; 1. the paper is too long, please shorten and better focus 2. authors should add a Figure explaining the role of Treg-s in the pathogenesis in CD/UC and early vs late disease.

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 18982
Title: A role of regulatory T cell in the pathogenesis of IBD
Reviewer's code: 02569700
Reviewer's country: Afghanistan
Science editor: Yuan Qi
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Date reviewed: 2015-09-24 22:37

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 review titled "A role of regulatory T cell in the pathogenesis of IBD" by Yamada et al. discusses involvement of Treg cells in human infllammatory bowel diseases and in common mouse models of intestinal inflammation. It also includes a small chapter on the possibility of using Treg cells in IBD therapy. Concept, discussion on chosen literature and summary of this broad topic is well done. Also recent literature has been included in the review. However, the conclusion is kept very short and could do very well with some broader summarization and a future outlook on research on Tregs in IBD. All in all the quality of the manuscript is very good. However, the whole manuscript urgently needs orthographic corrections and a rechecking of wording. Especially, abbreviations need to be rechecked (sometimes it is DDS instead of DSS), species names are sometimes wrong (eg Helicobactor instead of Helicobacter). A list of abbreviations is strongly recommended. Here are some examples of mistakes: "In the intestinal epithelium, four cell types columnar cells, goblet cells, endocrine cells, and leukocytes to rest on a continuous basement lamina"…… please change wording "In addition, the immune cells in the lamina propria, the leukocytes also involve various immune cells, such as the unique immune cell types that exist in gut- or mucosa-associated lymphoid tissues

such as Peyer's pacths, mesenteric lymph nodes, and isolated lymphoid follicles"… please change wording Peyer's patches instead of Peyer's pacths "As spontaneous models of IBD, several animal models mice and rats are known to use to understand the pathogenesis of IBD or investigate new therapeutic strategy for IBD[9,38]. "…… please change wording C. rodentium - please write out the generic name (Citrobacter?) "Overexpression of TNF and STAT4 gene in mice results in the development of IBD-like lesions"….you mean TNF alpha? It should be C3H/HeJBir and not C3HHeJBir mice C. Jejuni…please write out C. It should be Campylobacter jejuni ?? "Similar to activated conventional T cells, this Treg cell population exhibits phenotypes ……and Treg cells with this phenotypic profile are thought to have encountered antigens"… please reword it should be RORγ (t) instead of Rorγt F. prausnitzii…F. should be written out (or use abbreviation list) CD4CD8αα……..it is better to write CD4+CD8+ αα "….the human small intestine in a CB-17 severe combined immune deficiency (SCID) xenotransplant model…" There should be a dot between C and B. They are called C.B-17 SCID mice What is 7-AAG??? Please explain "Pretreatment with a prolactin inhibitor psychology stress-induced dysfunction of Treg cells to facilitate intestinal inflammation[137]."…please reword Table 1 DSS instead of DSS Helicobacter instead of Helicobactor What is TG in STAT4TG…transgenic? please add abbreviations!