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ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 7215
Title: Association of interleukin-17 genetic polymorphisms and serum levels with ulcerative colitis risk: a meta-analysis
Reviewer code: 02548983
Science editor: Zhai, Huan-Huan
Date sent for review: 2013-11-09 21:18
Date reviewed: 2013-11-20 17:53

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[ ] Grade A: Priority Publishing	Google Search:	[ ] Accept
[Y] Grade B (Very good)	[Y] Grade B: minor language polishing	[ ] Existed	[Y] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	[ ]Rejection
[ ] Grade D (Fair)	[ ] Grade D: rejected	BPG Search:	[ ] Minor revision
[ ] Grade E (Poor)		[ ] Existed	[ ] Major revision
		[ ] No records	

COMMENTS TO AUTHORS

Review This manuscript is a meta-analysis studied the association of interleukin-17 (IL-17) genetic polymorphisms and serum levels with ulcerative colitis (UC). This meta-analysis found significant association of IL-17 A/F gene polymorphisms and serum IL-17 levels with the risk of UC. This study selectedappropriate methods about literature search, data extraction, and quality assessment of literature.The quality assessment of literature might be difficult because this meta-analysis evaluated the case-control study, not RCT. This study adapted the Newcastle - Ottawa Scale (NOS) criteria for quality assessment of literature. The literature adaptation of this study was assessable that 13 of 16 included studies evaluated ?7 NOS score as good quality. The association of IL-17 polymorphisms and serum IL-17 levels with UC risk has no consensus.This study is first meta-analysis focused on the association of IL-17 A/F gene polymorphisms and serum IL-17 levels with the risk of UC. The authorssuggested the mutations of IL-17A and IL-17F genes might influence their activation and function as important pro-inflammatory cytokines. The cytokines induced destruction of cellular matrix in colonic injury.The induction of pro-inflammatory cytokines caused development of UC. The finding of present study showed meaningful result about association of IL-17 A/F gene polymorphisms and serum IL-17 levels with the risk of UC. This finding contributes to understand mechanism of UC. However this manuscript is acceptable to publish the "World Journal of Gastroenterology", this manuscript has some small mistakes.The authors should revise the points as follows. If the revision of points will be recognized, I would like to admit the acceptation of this manuscript. Minor revision ?P2 line 18 in CONCLUSION Our findings indicates that IL-17 A/F genetic polymorphisms….→Our findings indicatethat IL-17 A/F genetic polymorphisms…. ?P9

line 22 Ohmen et al found that serum IL-17 levels of treatment-na?ve patients with UC at the onset of the disease reflects….→Ohmen et al found that serum IL-17 levels of treatment-na?ve patients with UC at the onset of the disease reflected……. ?P16 Table 1 However the author numbered the study of Yu PL [43], the manuscript of Yu PL was numbered [42] in reference. The authors should attach exact number to this literature. ?P17 Table2 In table 2, the literature of Lin QC had no number. The authors should attach exact number to this literature.

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ESPS Peer-review Report
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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
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[Y] Grade B (Very good)	[Y] Grade B: minor language polishing	[ ] Existed	[Y] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	
[ ] Grade D (Fair)		BPG Search:	[ ]Rejection
[ ] Grade E (Poor)	[ ] Grade D: rejected	[ ] Existed	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS
Reviewer 1 has summarized nicely the strenghts and weaknesses of the manuscript. I have no additional comments on this paper.