Baishideng Publishing Group Co., Limited
Flat C, 23/F., Lucky Plaza,
315-321 Lockhart Road,
Wan Chai, Hong Kong, China

ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 4846
Title: The therapeutic potential of curcumin in digestive diseases.
Reviewer code: 00028038
Science editor: Wang, Jin-Lei
Date sent for review: 2013-07-27 18:56
Date reviewed: 2013-08-11 01:30

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	[ ] 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	[Y] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

This review article is great for clinicians and basic scientists to understand the mechanisms of Curcumin anti-inflammatory and cancer. However, there are some minor flaws in the review article regarding discussion of anti-inflammatory and anti-cancer mechanisms. This article only got anti-cytokines, anti-Cox2, and inhibition of NFkB involved, largely ignoring the effects of Curcumin upon JAK-STAT pathway, in particular, STAT3 pathway. For examples, Curcumin inhibited IL-6/STAT3 for reducing the disease severity of IBD. Curcumin had a significantly effects upon CRC by blocking STAT3-driven cancer cell growth. Therefore, STAT3 plays a non-redundant role in Curcumin anti-inflammation and anti-cancer. Please author considers supplementing this part of discussion as well as literatures. Author also needs to consider drawing a diagram dissecting Curcumin mechanisms upon inflammation and cancer. Finally, figure legends are not reader-friendly, the discussion should be improved in the revision version.

Baishideng Publishing Group Co., Limited
Flat C, 23/F., Lucky Plaza,
315-321 Lockhart Road,
Wan Chai, Hong Kong, China

ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 4846
Title: The therapeutic potential of curcumin in digestive diseases.
Reviewer code: 00043980
Science editor: Wang, Jin-Lei
Date sent for review: 2013-07-27 18:56
Date reviewed: 2013-08-19 09:01

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[ ] Grade A: Priority Publishing	Google Search:	[Y] Accept
[Y] Grade B (Very good)	[Y] Grade B: minor language polishing	[ ] Existed	[ ] 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
THE THERAPEUTIC POTENTIAL OF CURCUMIN IN DIGESTIVE DISEASES by Pietro Dulbecco and Vincenzo Savarino We have read this review article. This article is a literature review that presents current knowledge with regards to curcumin. Among our comments: Minimal toxicity has been reported. However, longterm studies more than 6 months are lacking. There are limited studies in patients with IBD: so far only 2 studies It is important for the authors to be clear that larger randomized and well-controlled clinical trials are necessary to confirm curcumin's clinical efficacy.