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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 17939

Title: CBP, p300, Butyrate, and Wnt Signaling in Colorectal Cancer

Reviewer's code: 00186128

Reviewer's country: Tunisia

Science editor: Ya-Juan Ma

Date sent for review: 2015-03-31 10:28

Date reviewed: 2015-04-06 15:12

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<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"/> Duplicate publication	<input checked="" type="checkbox"/> Rejection
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The manuscript "CBP, p300, Butyrate, and Wnt Signaling in Colorectal Cancer" reviews the publications of the authors about this subject. It's not interesting. The aim of this review is not clear. It is a repetition of the results reported in references 41, 42 and 43. The references 1, 2, 41, 42 and 43 are cited in the text more than 15 times. The other references are grouped and not discussed. We don't have a discussion about the results of other studies. One figure is insufficient and was published in the reference 43.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 17939

Title: CBP, p300, Butyrate, and Wnt Signaling in Colorectal Cancer

Reviewer's code: 00070916

Reviewer's country: Germany

Science editor: Ya-Juan Ma

Date sent for review: 2015-03-31 10:28

Date reviewed: 2015-04-18 19:46

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

Bordonaro et Lazarova review the current knowledge about the influence of the transcription factors CBP and p300 on Wnt signalling in CRC. They focus on the agents butyrate and ICG-001 and on the results of in vitro work using CRC cell lines. Overall, this review is very well written – I observed indeed only one spelling error (i.e. either is once written “ether”) and one confusing sentence in the abstract ((b) should be rephrased to avoid at least the double usage of Wnt/beta-catenin). Moreover, it is clearly structured and conclusions as well as suggestions for future lines of research are appropriate. A few considerations may help improving it even further and potentially also broadening the potential readership: - Although the line of argumentation that future therapies shall reverse progression and/or therapy resistance by enhancing p300-mediated Wnt activity to induce CRC-CSC differentiation is clear, the data cited focus on the usage of exactly 5 CRC cell lines. One general problem lies in the fact that HCT116 (and thus HCT-R) and HCT-15 cells are microsatellite-unstable (MSI), whereas SW620 and LT97 are not. Many differences in signalling pathways and outcome of therapeutic testing have been described for MSI versus MS-stable cells. - Similarly, when making a big point out of the fact that LT97 cells (established from a FAP-associated



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adenoma) behave less aggressive than the metastasis-derived SW620 cells, the question inevitably arises how SW480 cells behave (established from the primary tumor from the metastasis that gave rise to the SW620)? If no such data are available, the authors should at least mention these facts and suggest to perform such in vitro analyses, too (i.e. comparing the behaviour of CRC cell lines from primaries and matching metastases). - Coming back to MSI - the authors theorize that "right-sided tumors may be particularly sensitive to CBP-Wnt signalling inhibitors ..." - these tumors have also a more than 50% likelihood to show MSI. This aspect should be added and discussed properly - especially since differences in clinical responses became apparent in the last decade. - Finally, it is not clear why future in vivo studies should focus on APC mutant mouse models - au contraire, it may be worth using different GEM-models including one or more of the Lynch-models established by the group of Edlmann.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 17939

Title: CBP, p300, Butyrate, and Wnt Signaling in Colorectal Cancer

Reviewer's code: 00070758

Reviewer's country: Bulgaria

Science editor: Ya-Juan Ma

Date sent for review: 2015-03-31 10:28

Date reviewed: 2015-04-19 18:05

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
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		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Comments to the Author The paper by Michael Bordonaro and Darina L. Lazarova, named: " CBP, p300, Butyrate, and Wnt Signaling in Colorectal Cancer " is a review paper, aiming to present roles played by the transcriptional coactivators CREB-binding protein (CBP) and p300 in Wnt/beta-catenin signaling and cell physiology in colorectal cancer. It's a nice and interesting paper. My major comment is concerning the References, which are old and not up to date (with the exception of the self-citations from 2013 and 2014). I would suggest authors to rewrite the paper with some novel information and updated references. Following revisions and resubmission, this article is potentially suitable for publication.