

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 37088

Title: PIK3CA and TP53 Mutations Cooperatively Correlate with Poor Outcome in Stage II/III Colorectal Cancer Patients Treated with 5-Fluorouracil-based Chemotherapy

Reviewer's code: 03003391

Reviewer's country: Czech Republic

Science editor: Ze-Mao Gong

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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

Li et al aimed to investigate the predictive value of the mutational status of PIK3CA and TP53 in colorectal cancer (CRC) patients treated with 5-fluorouracil-based chemotherapy after curative surgery. I have some comments and corrections detailed as follows: Introduction: Introduction caption is missing. In vitro and in vivo term in italics. Use CRC abbreviations across the whole manuscript. MM section. The sentence miss a verb: Tumor staging strictly abided by the TNM classification of the American Joint Committee on Cancer (AJCC). The QIAamp DNA FFPE Tissue Kit is specially designed for purifying DNA from formalin-fixed, paraffin-embedded tissue sections. Why QIAamp DNA Mini Kit was used for isolation of genomic DNA from FFPE? Which version of Stata software was used for statistical analysis? Results: Please characterize in detail the PIK3CA-TP53 mutations observed in your study. Is any

mutation observed predominantly? Is OS associated with any particular mutation as well? Discussion: PIK3CA mutation were observed predominantly in rectum. Do you have hypothesis why it is so? The word against in sentence is controversial? Do you mean in CRC treatment? - The effectiveness of 5-FU-based chemotherapy is very limited against colorectal cancer.