

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 18554

Title: Inhibition of SW620 cells by up-regulating microRNA-145

Reviewer's code: 02537284

Reviewer's country: Venezuela

Science editor: Ya-Juan Ma

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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

Authors presented a study in which they evaluated the role of microRNA-145 on colon cancer. They showed evidences of the tumor suppressor activity of microRNA-145 in colon cancer using several approaches. Although is an interesting study, I consider that authors must do several corrections before the manuscript be accepted by WJG. Major considerations: - Authors mention that they observed "using bioinformatics" that miR-145 may induce colon cancer cell apoptosis via N-ras. Please explain what was the bioinformatic analysis. - There is a number of reports studying the role of miR-145 in colon and colorectal cancer, however most of them were not cited nor discussed by authors in this work. Even a study reported the oncogenic potential of miR-145 in SW620 cells that stably expressed miR-145 (Arndt et al., BMC Cancer. 2009; 9:374. Moreover, N-ras already has been indicated as target of miR-145 (at least in Yin et al., 2013), however authors did not mentioned it. The relevance and originality of this work may be compromised if the authors do not discuss or properly compare their results with others that preceded them. Minor considerations: - Abstract: I think it's better not to show the methods and results as a numbered list. - English must be polished. - Legends of figures must contain more information despite it is displayed along the text.: e.g., statistical



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significance, n, etc., and certain relevant methodological information.