

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**ESPS manuscript NO:** 13181

**Title:** A comparative study of tissue  $\omega$ -6 and  $\omega$ -3 polyunsaturated fatty acids (PUFA) in benign and malignant pathologic stage resection of colorectal cancer specimens

**Reviewer code:** 00503512

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2014-08-11 15:21

**Date reviewed:** 2014-08-19 05:52

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existing	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair		BPG Search:	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

This study investigates the concentration of PUFA in colorectal cancer specimens. The findings are potentially interesting, but the authors should significantly improve the writing. Counselling by a native English speaker would help. In addition, please add one table to summarize patients' characteristics, and substitute the  $p=0.000$  values with  $p<0.001$ . Please always indicate the statistical test employed after the  $p$  value.

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**Title:** A comparative study of tissue  $\omega$ -6 and  $\omega$ -3 polyunsaturated fatty acids (PUFA) in benign and malignant pathologic stage resection of colorectal cancer specimens

**Reviewer code:** 00914743

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2014-08-11 15:21

**Date reviewed:** 2014-08-19 19:41

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existing	<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"/> No records	<input checked="" type="checkbox"/> Rejection
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

Dear author, your paper firstly expolres paired CRC and adjacent mucosa and is well analysed.Unfortunately,the correlation between PUFA and CRC,namely n-3 as protective factors and n-6 as risk factors,has been published in previous articles.In the article,Table 4 doesnt demenstrate that PUFA is associated to VEGF,then will not well support the colclusions.The structure of "results"part need rearrangement and linking words are needed between Tables to provide better readability. Therefor, I cannot support publication.

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**ESPS manuscript NO:** 13181

**Title:** A comparative study of tissue  $\omega$ -6 and  $\omega$ -3 polyunsaturated fatty acids (PUFA) in benign and malignant pathologic stage resection of colorectal cancer specimens

**Reviewer code:** 00186128

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2014-08-11 15:21

**Date reviewed:** 2014-08-20 15:00

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existing	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

### COMMENTS TO AUTHORS

This study is very interesting and to date, studies investigating intake of n-3 and n-6 polyunsaturated fatty acids and risk of colorectal cancer are limited, and results remain inconsistent. There are some comments: - Title: more than 12 words and it is not clear A comparative study of tissue  $\omega$ -6 and  $\omega$ -3 polyunsaturated fatty acids (PUFA) in benign and malignant pathologic stage resection of colorectal cancer specimens: Expression of  $\omega$ -6 and  $\omega$ -3 polyunsaturated fatty acids (PUFA) in benign and malignant tissues of colorectal cancer - Abstract: ? Line 1 : polyunsaturated : polyunsaturated ? objective: The relationship between metabolism of polyunsaturated fatty acid (PUFA) levels and tumor-associated factors or predicating the prognosis in Chinese colorectal carcinoma is unknown and needs to be explored: not comprehensible sentence ? Line 12: PDGF、COX-2 and VEGF: PDGF, COX-2 and VEGF ? Line 13: COX-2 were : COX-2 was (also in the results section) ? Line 15: differentiation degree(P=0.013、0.027): differentiation degree (P=0.013 and 0.027). (also in the results and discussion sections) - Introduction: Line 18: We studied metabolism of PUFAs and their correlation with Tumor-associated factors in colorectal tissue from the same colorectal cancer specimens. We investigated... in predicting the prognosis. - Results: ? The results are not an analysis of tables: Table 2 shows .....Table 3 shows.....: we need to change the form of sentences - Discussion: ? The discussion is based on main result:  $\omega$ -6/ $\omega$ -3 fatty acid ratio was increased in cancerous tissue. But this result is not mentioned in abstract and is contradictory with lower



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percentage of  $\omega$ -6 PUFA. More explanations are necessary in the text. ? Line 2: As can be seen in our results, it is clear that  $\omega$ -6/ $\omega$ -3 PUFAs is positively associated with colorectal cancer risk [12] [13]. ? The references 12 and 13 don't match with the text (brain and liver) ? Line 15: DGLA? - References ? Why two points in the end of sentence. ? The recommended style is not respected exp: World J Gastroenterol 2007; 13: 6356-6364 [PMID: 18081224 DOI: 10.3748/wjg.13.6356] ? Ref 11: lack of information of journal, year,... ? Ref 13: what is the journal?