

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Oncology

ESPS manuscript NO: 20142

Title: Targeting metabolism in breast cancer, how far we can go?

Reviewer's code: 02445036

Reviewer's country: Spain

Science editor: Xue-Mei Gong

Date sent for review: 2015-05-30 20:42

Date reviewed: 2015-07-29 01:12

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 type="checkbox"/> Grade B: Minor language	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Duplicate publication	publication
<input type="checkbox"/> Grade D: Fair	<input checked="" type="checkbox"/> Grade C: A great deal of	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	language polishing	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

This is an interesting review on a very hot issue. Authors review the literature on the targeting of metabolism as a valuable tool against breast cancer. The manuscript finds a lot of valuable information for scientific community, interested in both cancer metabolism and reprogramming of cancer metabolism as well as in their clinical implications in breast cancer. Authors utilize an adequate list of articles to describe metabolic reprogramming of cancer cells, drugs effects and therapeutic considerations, as well as final conclusions. However, there are several items that must be considered concerning with the publication of the present manuscript: Please, insert page number. Please, use a list of abbreviations. English must be fully checked along the manuscript. Please, add some figure and/or table to make easier the comprehension of the text. Abstract, line 4-5: please rewrite. Core tip, line 5: "to understand", instead of "understand". Introduction, paragraph 1, lines 4-5: "greatly" must be before or after "decrease". Introduction, paragraph 2, line 5: comma instead of "and" (before "Akt") Introduction, next page (page 2), paragraph 1, line 5: "and" before "enhances". Introduction, next page (page 2), paragraph 1, line 7: "that" before "present". Introduction, next page (page 2), paragraph 1, lines 7-8: please rewrite. Introduction, next page (page 2), paragraph 2, line 1:

some reference must be used to state the phrase, i.e.: Hensley CT, Wasti AT, DeBerardinis RJ. Glutamine and cancer: cell biology, physiology, and clinical opportunities. *J Clin Invest*. 2013 Sep 3; 123 (9): 3678-84. Introduction, next page (page 2), paragraph 2, lines 4-5: "recently" must be at the beginning of the phrase. ? Introduction, next page (page 2), paragraph 2, line 10: some reference must be used to reinforce the sentence, i.e.: Cheng T, Sudderth J, Yang C, Mullen AR, Jin ES, Matés JM, DeBerardinis RJ. Pyruvate carboxylase is required for glutamine-independent growth of tumor cells. *Proc Natl Acad Sci U S A*. 2011 May 24; 108 (21): 8674-9. Heading Metabolic reprogramming in breast cancer, page 1, line 12: please erase "there are". Heading Metabolic reprogramming in breast cancer, page 2, line 8: please erase "And" to start the sentence. ? Heading Metabolic reprogramming in breast cancer, page 2, line 13: please "GLS" instead to "GLS1". This is the abbreviation for "glutaminase 1". Heading Metabolic reprogramming in breast cancer, page 2, line 14: add some reference to state previous information, i.e.: Martín-Rufián M, Nascimento-Gomes R, Higuero A, Crisma AR, Campos-Sandoval JA, Gómez-García MC, Cardona C, Cheng T, Lobo C, Segura JA, Alonso FJ, Szeliga M, Albrecht J, Curi R, Márquez J, Colquhoun A, Deberardinis RJ, Matés JM. Both GLS silencing and GLS2 overexpression synergize with oxidative stress against proliferation of glioma cells. *J Mol Med (Berl)*. 2014 Mar; 92 (3): 277-90. Heading Metabolic reprogramming in breast cancer, page 2, line 19: add some reference to reinforce the sentence, i.e.: de la Rosa V, Campos-Sandoval JA, Martín-Rufián M, Cardona C, Matés JM, Segura JA, Alonso FJ, Márquez J. A novel glutaminase isoform in mammalian tissues. *Neurochem Int*. 2009 Jul-Aug;55(1-3):76-84. Heading Metabolic reprogramming in breast cancer, page 2, line 23: "A cell study" instead of "Cell study" Heading Modulation of metabolic reprogramming in breast cancer, page 1, paragraph 1, line 10, following "...especially in breast cancer" some reference must be introduced to state the phrase, i.e: Yuneva MO, Fan TW, Allen TD, Higashi RM, Ferraris DV, Tsukamoto T, Matés JM, Alonso FJ, Wang C, Seo Y, Chen X, Bishop JM. The metabolic profile of tumors depends on both the responsible genetic lesion and tissue type. *Cell Metab*. 2012 Feb 8; 15 (2):157-70. Heading Modulation of metabolic reprogramming in breast cancer, page 2, paragraph 1, line 3, following cite [42]: "Another clinical study" in.

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Name of journal: World Journal of Clinical Oncology

ESPS manuscript NO: 20142

Title: Targeting metabolism in breast cancer, how far we can go?

Reviewer's code: 03017455

Reviewer's country: China

Science editor: Xue-Mei Gong

Date sent for review: 2015-05-30 20:42

Date reviewed: 2015-08-05 13:09

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	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Duplicate publication	publication
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	language polishing	<input type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

This review discussed the metabolic reprogramming in breast cancer and the possible complex modulation mechanism of it. It also summarized the recent advances in the metabolic therapy targeted glycolysis, glutaminolysis and fatty acids synthesis in breast cancer. It helps us to better understand this disease. However, English and writing skill need to be improved. There are several grammar mistakes in this manuscript, such as "for early breast cancer it has becoming a curable disease or chronic disease" (page 1, Abstract). Please check the manuscript again and correct them.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Oncology

ESPS manuscript NO: 20142

Title: Targeting metabolism in breast cancer, how far we can go?

Reviewer's code: 03369335

Reviewer's country: China

Science editor: Xue-Mei Gong

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" 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 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

Please unify the format of references.