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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 7379

Title: Nuclear receptors and pathogenesis of pancreatic cancer

Reviewer code: 00646409

Science editor: Gou, Su-Xin

Date sent for review: 2013-11-21 17:54

Date reviewed: 2013-12-05 23:45

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input checked="" type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	language polishing	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

In this manuscript, the authors made a good review to summarize the role of nuclear receptors in pancreatic development. It will help readers to understand the research advances in this area. I suggest for publication.

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 7379

Title: Nuclear receptors and pathogenesis of pancreatic cancer

Reviewer code: 00503608

Science editor: Gou, Su-Xin

Date sent for review: 2013-11-21 17:54

Date reviewed: 2013-12-16 07:43

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 type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<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 type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

1) There are a moderate number of grammar and syntax errors, including problems with run-on sentences, inappropriate singular/plural nouns (subject-verb agreement), and typographical and spelling errors. The paper would benefit from editorial review for the above. 2) There are a limited number of illustrations. The addition of more tables and figures would be helpful. A table summarizing the pertinent findings would be very helpful. A figure or table listing the families of the nuclear receptor families and their characteristics would be nice as well. There is a nice figure from a previous paper depicting the cellular events occurring during nuclear receptor activation that could be reproduced with permission.(Nacusi & Debes, 2008) 3) The authors really do not discuss the role of androgen and estrogen receptors, although there is literature. Perhaps this should be discussed.(Nacusi & Debes, 2008; Satake, et al., 2006) 4) There is an important paper on retinoids in pancreatic cancer that should be included.(Riecken & Rosewicz, 1999) 5) The abstract should be more concise and better organized. Please state a purpose for the review. I do not think that it is necessary to state that ductal adenocarcinoma is the most common histologic subtype. I think that the audience probably understands that pancreatic cancer, pancreatic adenocarcinoma, and pancreatic ductal adenocarcinoma essentially represent the same disease. Novel therapy might be a better term to use than new treatment. 6) In the introduction, the authors state that pancreatic cancer is the 4th most common cancer causing death in the World, but they cite a reference for the United States. Please correct this. 7) I am not sure that the section "The route to pancreatic ductal adenocarcinoma" adds anything to the paper. The authors might want to consider omitting this section, or briefly saying something about known molecular and genetic events in pathogenesis in the introduction. It seems to be off topic and detracts from the importance of nuclear receptors in pancreatic cancer.



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Maybe there can just be a table or figure? 8) Please explain the significance of TZD the first time that it is mentioned (PPAR γ agonist). 9) The data regarding nuclear receptors as a target of therapy for pancreatic cancer are a bit confusing and sometimes contradictory. There is a lot of data summarized here and there a lot of biomolecules and pathways. This may be confusing for clinicians and pancreatologists who are not experts in cellular biochemistry. Please review the text and try to be as clear as possible when presenting the data. Nacusi, L. P., & Debes, J. D. (2008). Primers on molecular pathways: nuclear receptors in pancreatic cancer. The ligand-independent way. *Pancreatology*, 8(4-5), 422-424. Riecken, E. O., & Rosewicz, S. (1999). Retinoids in pancreatic cancer. *Ann Oncol*, 10 Suppl 4, 197-200. Satake, M., Sawai, H., Go, V. L., Satake, K., Reber, H. A., Hines, O. J., et al. (2006). Estrogen receptors in pancreatic tumors. *Pancreas*, 33(2), 119-127.