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ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 2874
Title: Reversal effect of down-regulation of homeobox gene CDX2 on multidrug resistance in gastric cancer cells in vitro and in vivo
Reviewer code: 00070288
Science editor: Gou, Su-Xin
Date sent for review: 2013-03-21 12:05
Date reviewed: 2013-03-23 20:31

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[Y] Grade A (Excellent)	[Y] Grade A: Priority Publishing	Google Search:	[Y] Accept
[ ] Grade B (Very good)	[ ] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	
[ ] Grade D (Fair)		BPG Search:	[ ]Rejection
[ ] Grade E (Poor)	[ ] Grade D: rejected	[ ] Existed	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS
The manuscript " Reversal effect of down-regulation of homeobox gene CDX2 on multidrug resistance in gastric cancer cells in vitro and in vivo" is describing interesting findings and suggests a potential strategy for managing gastric cancers. The authors conclude that CDX2 may be involved in regulating multiple signaling pathways in reversing multidrug resistance, and suggested that CDX2 may represent a novel target for gastric cancer therapy. The manuscript is now a good piece of work. I have found one minor mistake :Result 1“7901/DDP”should be “SGC7901/DDP”. The Submission has been greatly improved and is worthy of publication.

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ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 2874
Title: Reversal effect of down-regulation of homeobox gene CDX2 on multidrug resistance in gastric cancer cells in vitro and in vivo
Reviewer code: 02441494
Science editor: Gou, Su-Xin
Date sent for review: 2013-03-21 12:05
Date reviewed: 2013-03-26 17:18

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[ ] Grade A: Priority Publishing	Google Search:	[ ] Accept
[ ] Grade B (Very good)	[ ] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[Y] Grade C: a great deal of language polishing	[ ] No records	
[Y] Grade D (Fair)		BPG Search:	[ ]Rejection
[ ] Grade E (Poor)	[ ] Grade D: rejected	[ ] Existed	[ ] Minor revision
		[ ] No records	[Y] Major revision

COMMENTS TO AUTHORS
1.This project is a relative new area, which has a potential use for later exploitation. 2.A native English speaker is needed to rewrite the whole manuscript. 3.Line 45-48: The meaning of the sentence is confusing. 4.Line 117-126: ATP-TCA or CD-DST should be used for scientific research instead of MTT. 5.Line 167: OD280 is an accurate and widely accepted technique, however, Lowery assay is tedious and needs larger amount of sample. 6.Discussion should focus on what you have got in your experiment, not just review.

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ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 2874
Title: Reversal effect of down-regulation of homeobox gene CDX2 on multidrug resistance in gastric cancer cells in vitro and in vivo
Reviewer code: 00502831
Science editor: Gou, Su-Xin
Date sent for review: 2013-03-21 12:05
Date reviewed: 2013-03-26 18:41

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[Y] Grade A: Priority Publishing	Google Search:	[ ] Accept
[Y] Grade B (Very good)	[ ] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	
[ ] Grade D (Fair)		BPG Search:	[ ]Rejection
[ ] Grade E (Poor)	[ ] Grade D: rejected	[ ] Existed	[Y] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS
The authors research about the role of CDX2 in the multi-drug resistance (MDR) process of gastric cancer in vitro and in vivo. And, the authors concluded that CDX2 may be involved in regulating multiple signaling pathways in reversing multidrug resistance, suggesting that CDX2 may represent a novel target for gastric cancer therapy. 1) The author reported that CDX2 siRNA incuces cellular apotosis. How about the expression of apotosis related gene auch as p53,bax, bcl-2, and caspase3 et al.? 2) The authors had better to show the expression of CDX2 protein or mRNA on the tumor, immunohistochemically or in situ hybridization in Fig.4A.

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ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 2874
Title: Reversal effect of down-regulation of homeobox gene CDX2 on multidrug resistance in gastric cancer cells in vitro and in vivo
Reviewer code: 02440197
Science editor: Gou, Su-Xin
Date sent for review: 2013-03-21 12:05
Date reviewed: 2013-03-30 11:34

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[Y] Grade A (Excellent)	[ ] Grade A: Priority Publishing	Google Search:	[Y] Accept
[ ] Grade B (Very good)	[Y] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	
[ ] Grade D (Fair)		BPG Search:	[ ]Rejection
[ ] Grade E (Poor)	[ ] Grade D: rejected	[ ] Existed	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS
The authors have showed that CDX2 may be involved in regulating multiple signaling pathways in multidrug resistance, suggesting that CDX2 may represent a novel target for gastric cancer therapy. In my opinion, the manuscript needs some language modifications and can be accepted for publication in World Journal of Gastroenterology.

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ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 2874
Title: Reversal effect of down-regulation of homeobox gene CDX2 on multidrug resistance in gastric cancer cells in vitro and in vivo
Reviewer code: 00505502
Science editor: Gou, Su-Xin
Date sent for review: 2013-03-21 12:05
Date reviewed: 2013-04-04 10:15

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[ ] Grade A: Priority Publishing	Google Search:	[ ] Accept
[ ] Grade B (Very good)	[Y] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[Y] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	[ ]Rejection
[ ] Grade D (Fair)	[ ] Grade D: rejected	BPG Search:	[ ] Minor revision
[ ] Grade E (Poor)		[ ] Existed	[Y] Major revision
		[ ] No records	

COMMENTS TO AUTHORS
In this study, the authors clarified the influence of down-regulation of CDX2 on multi –drug resistance with the use of a cisplatin resistant gastric cancer cell line (SGC7901/DDP) in vitro and in vivo.. Authors conclude that CDX2 may be involved in regulating multiple signaling pathways in reversing multidrug resistance, suggesting that CDX2 may represent a novel target for gastric cancer therapy. These findings are very intriguing and this study will meet the criteria of this journal. However, there were several critical points to be corrected to meet the criteria of this journal. Major Query 1.It remains unclear whether CDX2 is associated with the resistance of CDDP. The authors should examine whether the CDX2 can regulate the resitance of CDDP using by SGC7901/DDP and SGC7901 normal cell line. 2.The authors measured IC 50 values of SGC7901/DDP cells exposed to some cytotoxic agents such as, cisplatin, adriamycin, and fluorouracil. The authors examined the effect of adriamaycin in this study. Cisplatin or fluorouracil is key drug for gastric cancer in the clinical setting. Therefore, the authors should show the date about these agents and have more discussion about it. 3.The expression of CDX2 by Western blot is poor. The authors should carry the more clearly picutures.