ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 9595
Title: Recently study of 5-Fluorouracil resistance in pancreatic cancer
Reviewer code: 00417178
Science editor: Yuan Qi
Date sent for review: 2014-02-20 22:28
Date reviewed: 2014-02-23 02:43

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

COMMENTS TO AUTHORS

This review describes novel insights concerning mechanisms of 5-FU resistance in pancreatic adenocarcinoma. The manuscript is interesting and innovative. Few comments are suggested to improve on the submitted manuscript: - Aberrant constitutive activation of STAT-3 proteins has been frequently detected in pancreatic cancer (Dicitore A. et al. Biochim Biophys Acta. 2014 Jan;1845(1):42-52). This mechanism seems to be a crucial survival pathway, activated by cancer cells, involved in the resistance to biological therapy and chemotherapy (Vitale G. et al. Biotechnol Adv. 2012 Jan-Feb;30(1):169-84. Dicitore A et al. Curr Cancer Drug Targets. 2013 May;13(4):460-71). Interestingly, Spitzner et al. recently showed that STAT3 inhibition sensitizes colorectal cancer to 5-FU chemotherapy. Indeed STAT3 protein expression correlates positively with increasing resistance to 5-FU (Spitzner M. et al. Int J Cancer. 2014 Feb 15;134(4):997-1007.). Please, discuss these points and cite related references. - The Authors should add a cartoon describing the main molecular mechanisms involved in 5-FU resistance. Such change would greatly increase the manuscript readability. - There are few typing errors in the manuscript. Please, read carefully the paper and correct them.

ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 9595
Title: Recently study of 5-Fluorouracil resistance in pancreatic cancer
Reviewer code: 00070803
Science editor: Yuan Qi
Date sent for review: 2014-02-20 22:28
Date reviewed: 2014-03-20 01:17

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

COMMENTS TO AUTHORS
Paper interesting.
Minor Language improvement needed