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315-321 Lockhart Road,
Wan Chai, Hong Kong, China

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6373

Title: Cancer stem cells in colorectal cancer: from pathogenesis to therapy. Controversies and perspectives

Reviewer code: 02446073

Science editor: Cui, Xue-Mei

Date sent for review: 2013-10-16 13:26

Date reviewed: 2013-10-20 06:24

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)		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

Comments to Authors In this review article, Fanali C et al have provided an overview of the important role of cancer stem cells (CSCs) in human colorectal tumorigenesis. Particularly, the article described in detail several important molecules that can be potentially used as specific colorectal CSC markers. Lastly, the authors provided a prospective view on the potential novel strategies for the development of CSC-targeted therapy for human colorectal cancer. Overall, this is an interesting and nicely written review article on colorectal cancer stem cells. However, I suggest some changes as outlined under specific comments below: Suggestions: 1. At the end of the INTRODUCTION, authors should provide a brief or concise statement of the main purpose/aim of this review article. 2. "CONCLUSIONS" part (pages 32-35) is too long, thus needing an extensive revision to make it more concise and easier for readers to catch up the main points of the article. 3. Numerous grammatical errors, such as: In Abstract, page 2, line 10, "responsible of" should be "responsible for"; page 4, line 10, "stem cells niches" should be "stem cell niches"; page 6, line 16, "According to the this model" should be "According to this model".....



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Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6373

Title: Cancer stem cells in colorectal cancer: from pathogenesis to therapy. Controversies and perspectives

Reviewer code: 00672270

Science editor: Cui, Xue-Mei

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Date reviewed: 2013-10-21 21:12

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)		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

Comments to Ms. Fanali et al. In this work the authors summarized the current knowledge about Cancer Stem Cells in colorectal cancer. In summary, this is a well done work. I do not have any comments.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

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Title: Cancer stem cells in colorectal cancer: from pathogenesis to therapy. Controversies and perspectives

Reviewer code: 02496361

Science editor: Cui, Xue-Mei

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> [Y] Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> [Y] Grade B: minor language polishing	<input type="checkbox"/> [] Existed	<input type="checkbox"/> [] High priority for publication
<input checked="" type="checkbox"/> [Y] 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 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

It would be interesting to have in this manuscript the citation of general survival time in CRC after treatment with classical therapy. It should be cited that molecular features of tumors are diverse along the bowel subsites and thus the evaluation of tumors generated in different places (rectum, rectosigmoid, sigmoid colon, descending colon, splenic flexure, transverse colon, hepatic flexure, ascending colon, and cecum) could not provide similar results. Page 3 This phrase needs improvement, what has been shown about Paneth-like cells in tumors?: "A fourth differentiated type, the Paneth-like cells, resides at the bottom of colon crypts and was proposed to perform a specialized function other than absorption of digested nutrients, the predominant function that Paneth cells perform in the small intestinal epithelium." Page 4 "Both cell types have been demonstrated to fulfill the criteria for stem cells (pluripotency and self renewal capacity)." (references are missing) Page 6 "According to (the) this model, only a small fraction of tumor cells would be able to support the neoplastic proliferation,..." CD44+CD54+ cells should be described References Some references could not be checked since they are not in English 21. Remak R. Ein beitrag zur entwicklungsgeschichte der krebshaften geschwulste. Deut Klin 1854;6:70-174. 22. Durante F. Nesso fisio-patologico tra la struttura dei nei materni e la genesi di alcuni tumori maligni. Arch Memori eed Osservazioni di Chirurgia Practica 1874; 11:217-226.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6373

Title: Cancer stem cells in colorectal cancer: from pathogenesis to therapy. Controversies and perspectives

Reviewer code: 00037223

Science editor: Cui, Xue-Mei

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Date reviewed: 2013-10-30 02:49

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
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<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

Nicely written