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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: 7055

Title: Intratumoral functional heterogeneity and chemotherapy

Reviewer code: 02438889

Science editor: Qi, Yuan

Date sent for review: 2013-11-02 19:05

Date reviewed: 2013-11-25 19:12

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" 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 checked="" type="checkbox"/> High priority for publication
<input checked="" 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

Valuable information on the fate of tumor cells. Page one of the manuscript there is a printing error(last line).



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 7055

Title: Intratumoral functional heterogeneity and chemotherapy

Reviewer code: 01809254

Science editor: Qi, Yuan

Date sent for review: 2013-11-02 19:05

Date reviewed: 2013-11-25 22:49

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> 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

This is a commentary article that can be accepted in the present form. I have no criticisms.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 7055

Title: Intratumoral functional heterogeneity and chemotherapy

Reviewer code: 02528478

Science editor: Qi, Yuan

Date sent for review: 2013-11-02 19:05

Date reviewed: 2013-11-29 01:23

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" 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	BPG Search:	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

The field of vision of Sipos et al, aimed to underline the importance of the understanding of the interaction of genetic and nongenetic determinants which might influence the functional diversity and therapy response of tumors and it should be considered as a future direction for cancer research. Minor comment: Two more sentences about the newly expected developed/advanced methods would be helpful for the reader to understand the reason of the shift from the classical assaying techniques using bulk cell populations.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 7055

Title: Intratumoral functional heterogeneity and chemotherapy

Reviewer code: 02439165

Science editor: Qi, Yuan

Date sent for review: 2013-11-02 19:05

Date reviewed: 2013-11-29 20:04

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> 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	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

This commentary reviewed and commented the topic of intratumoral functional heterogeneity and chemotherapy from scientific journals, such as Science, Nature, Cell, NEJM, et al. It provided new information and valuable data about anticancer therapy resistance and post-therapeutic tumor recurrence. The authors also stressed the importance of understanding genetic and nongenetic determinants interaction and tumor therapy response. I wonder if Fig.1 is original or from other authors or journals. I recommend publishing this manuscript.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 7055

Title: Intratumoral functional heterogeneity and chemotherapy

Reviewer code: 02438752

Science editor: Qi, Yuan

Date sent for review: 2013-11-02 19:05

Date reviewed: 2013-12-03 11:48

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> 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	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

In this manuscript, the authors briefly introduce the relationship between intratumoral functional heterogeneity and genetic diversity, and emphasis nongenetic mechanisms which can drives the intratumoral functional heterogeneity of tumor cells. Changes in clonal dynamics of colorectal cancer cells can lead to drug resistance and tumor reappearance. Biological differences amongst cancer cells can be provoked by the involvement of nongenetic mechanisms. Understanding the interaction of genetic and nongenetic determinants influencing the functional diversity and therapy response for cancers should be a prominent future direction for cancer research. The contents of this manuscript are new and unique, and the findings are of important clinical merit. The writing of this manuscript is good.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 7055

Title: Intratumoral functional heterogeneity and chemotherapy

Reviewer code: 01798415

Science editor: Qi, Yuan

Date sent for review: 2013-11-02 19:05

Date reviewed: 2013-12-06 22:41

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	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

Ferenc Sipos et al. reviewed the intratumoral functional heterogeneity and chemotherapy. Understanding the interaction of genetic and nongenetic determinants influencing the functional diversity and therapy response of tumors should be a future direction for cancer research. The data interpretation and the discussion were appropriate. The observations are useful to help us further understand the mechanisms of cancer and indicate a new direction for cancer research. I have only a few suggestions, which may help improve the manuscript: 1. Page 4, line 1, “within a tumor nongenetic.....factors” should be “some tumor nongenetic.....factors”. 2. Page 4, line 18, “does not” should be “did not”. 3. Page 5, line 5, “not all cancer cells having” should be “not all cancer cells have”. 4. Page 5, line 25, “This data” should be “This datum”. 5. Page 6, line 1, “insuline-like” should be “insulin-like”.



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ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 7055

Title: Intratumoral functional heterogeneity and chemotherapy

Reviewer code: 02824384

Science editor: Qi, Yuan

Date sent for review: 2013-11-02 19:05

Date reviewed: 2013-12-13 04:47

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" 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 checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of	<input type="checkbox"/> No records	
<input type="checkbox"/> Grade D (Fair)	language polishing	BPG Search:	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

An interesting invited commentary on the original article of Kreso et al. about the intratumoral functional heterogeneity of colorectal cancer. Minor criticism: -too much attention is paid for the description of methodology and data replication from the article of Kreso et al.; -commentaries could be more focused, more concentrating on major findings.