

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Immunology

**ESPS manuscript NO:** 16510

**Title:** Stem and immune cells in colorectal primary tumour: Number and function of subsets may diagnose metastasis

**Reviewer's country:** Germany

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2015-01-22 08:45

**Date reviewed:** 2015-03-02 18:35

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

## COMMENTS TO AUTHORS

In their manuscript, Varela-Calvino and Cordero review the current knowledge on metastatic stem cells and lymphocytes in colorectal cancer (CRC). The review is overall well designed and written; the final hypothesis on future research and its potential clinical impact is not overstated and may inspire others to follow this line of research. However, several points have to be addressed to improve the manuscript: Carefully check the introduction of any abbreviations used and if introduced, use them subsequently. Check if all introduced abbreviations are needed. There are many little grammatical and style errors within the manuscript which should also be checked carefully. Some examples: page 2 line 9: no instead of not in "no all DTCs"; page 7 line 6: accumulate without the plural s; line 16: continue needs the plural s. The title is overall not really nice. I would recommend shortening it. How about: "Is there a relationship between metastatic stem cells and lymphocyte subsets in colorectal cancer - which may be used to improve the early prognosis?" Several sentences should be rephrased since they are either hard to understand or not clear enough: page 2 line 2: "If metastasis ..." page 9 first sentence and page 6 line 14: "This epigenetic amplification..." (Here, it is not clear what it exactly is, this "epigenetic amplification"). NK cells are included in the paragraph



## BAISHIDENG PUBLISHING GROUP INC

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: [bpgoffice@wjgnet.com](mailto:bpgoffice@wjgnet.com)

<http://www.wjgnet.com>

---

“DCs and NKs”. However, there is just one publication cited and discussed. There is more knowledge on NKs and CRC; please expand this aspect – or decide to leave it out completely. ? Similarly, TAAs are mentioned and some work is cited. The much more important aspect of truly tumor-specific antigens (TSAs) is totally absent. For CRC, the last decade of deep-sequencing has clarified that there is a major group of tumors with a huge amount of such mutations (i.e., the microsatellite instable (MSI) subgroup of CRC) and a small group of tumors with no signs of MSI but also a high mutational load. These are typically heavily infiltrated by lymphocytes and have clearly adapted to this immune pressure; many MSI CRCs express no or reduced levels of MHC-I. These TILs have been shown to recognize MSI-specific frameshift mutations and some have been analyzed on the T cell epitope level. In the outlook, the authors speculate that flow cytometry analysis may “beat” classical pathomorphological studies in terms of qualitative and quantitative measures. This aspect is fine with me, but the other side of the coin will be the loss of “in situ” information. This should be mentioned and – honestly – the combination of both methods would be the ideal solution.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Immunology

**ESPS manuscript NO:** 16510

**Title:** Stem and immune cells in colorectal primary tumour: Number and function of subsets may diagnose metastasis

**Reviewer's code:** 00502973

**Reviewer's country:** China

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2015-01-22 08:45

**Date reviewed:** 2015-02-23 16:40

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input checked="" type="checkbox"/> Grade D: Fair	<input checked="" type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input checked="" type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

In this review article entitled "IS THERE A RELATIONSHIP BETWEEN THE METASTATIC STEM CELLS AND THE LYMPHOCYTE SUBSETS IN THE COLORRECTAL TISSUE THAT COULD HELP TO THE EARLY PRONOSTIC OF METASTASIS DEVELOPMENT?", Rubén Varela-Calviño et al reviewed the relationship between cancer stem cell and tumor metastasis, the effects of immune cell in CRC. This is an interesting topic, yet the authors did not provide enough evidence to support the relationship between the metastatic stem cells and the lymphocyte subsets in CRC. Specifically, the authors did not mention metastatic stem cell in the section of "IMMUNE SURVEILLANCE IN COLORECTAL CANCER". Thus the current manuscript could not provide information to support the relationship between the metastatic stem cells and the lymphocyte subsets. In addition, the English used in this manuscript is poor and more attention is required for language polishing.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Immunology

**ESPS manuscript NO:** 16510

**Title:** Stem and immune cells in colorectal primary tumour: Number and function of subsets may diagnose metastasis

**Reviewer's code:** 00503048

**Reviewer's country:** Italy

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2015-01-22 08:45

**Date reviewed:** 2015-02-02 23:46

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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 checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

Authors make a summary and an overview of the so-called metastatic stem cell (MetSC), by describing and remarking on what is known so far. The manuscript is well written but some typing errors somewhere (at least two in the title too). The addition of a figure could help understanding the intricate network of cells occurring in the colorectal cancer.