

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Stem Cells

**ESPS manuscript NO:** 27384

**Title:** Racial disparity in colorectal cancer: Gut microbiome and cancer stem cells

**Reviewer's code:** 00057695

**Reviewer's country:** Saudi Arabia

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2016-05-27 14:56

**Date reviewed:** 2016-05-28 12:24

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> 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 checked="" type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

## COMMENTS TO AUTHORS

This mini-review looks at racial disparity in colorectal cancer between African-American and Caucasian Americans. It also summarizes the available data on role of microbiome and cancer stem cells in racial disparity in colorectal cancer. The manuscript is well written by authors who are very much acquainted with the subject and its updates. It is also well-referenced and enjoyable to read and follow.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Stem Cells

**ESPS manuscript NO:** 27384

**Title:** Racial disparity in colorectal cancer: Gut microbiome and cancer stem cells

**Reviewer's code:** 02444931

**Reviewer's country:** China

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2016-05-27 14:56

**Date reviewed:** 2016-05-31 14:08

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> 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 checked="" type="checkbox"/> No	<input 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

N/A

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Stem Cells

**ESPS manuscript NO:** 27384

**Title:** Racial disparity in colorectal cancer: Gut microbiome and cancer stem cells

**Reviewer's code:** 00505440

**Reviewer's country:** Australia

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2016-05-27 14:56

**Date reviewed:** 2016-05-31 14:38

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

The authors present an exhaustive and very informative review of the literature. My only suggestion to help this lovely review would be that the authors add a Table or two to list the bacteria that have been linked to CRC or healthy controls as well as the stem cell changes - this will help provide a simplified view of the information contained in the manuscript to the reader.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Stem Cells

**ESPS manuscript NO:** 27384

**Title:** Racial disparity in colorectal cancer: Gut microbiome and cancer stem cells

**Reviewer's code:** 00504213

**Reviewer's country:** Japan

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2016-05-27 14:56

**Date reviewed:** 2016-06-05 09:50

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> 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 checked="" type="checkbox"/> No	<input 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

General comments: The topic of "the role of gut microbial dysbiosis and cancer stem cells in colorectal cancer" is timely and attractive. The authors tried to clear this topic from the point of racial disparity between African-American (higher incidence and mortality of colorectal cancer) and Caucasian-Americans. This manuscript has well summarized the available data concerning to the topic. It will expect to provide a foundation for further study on the field. Therefore, this review manuscript has value for consideration toward publication. Specific comments: Section of Figure2-legend; Authors should indicate each comments for Figure2-A and B, otherwise, remove Figure2-A.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Stem Cells

**ESPS manuscript NO:** 27384

**Title:** Racial disparity in colorectal cancer: Gut microbiome and cancer stem cells

**Reviewer's code:** 00632006

**Reviewer's country:** Japan

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2016-05-27 14:56

**Date reviewed:** 2016-06-05 17:15

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<input type="checkbox"/> High priority for publication
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		[Y] No	

## COMMENTS TO AUTHORS

The review by Goyal et al. summarizes the relationship between the difference in microbiota and racial disparity in the development of colorectal carcinoma. Subsequently, they discuss about the possibility of the role of CSC in racial disparity. The topic that this manuscript contains is interesting and may provide a platform for further research as the authors mention in the text. However, although the section of microbiota is very well organized, the section of CSC is not so great; the relation between microbial dysbiosis and prevalence of CSC in colorectal cancer is obscure and the author's conclusion is based on preliminary and unpublished data (for example Figure 2). Minor points. 1. The legend for Figure 2 is insufficient. 2. Page 13, second paragraph. "Preliminary data on miR-21 levels in normal-appearing colonic mucosa of AAs with adenomas" should not be included or should be cited after publication. 3. Page 12, the 7th line from the bottom. Ref. 53 must be 54. 4. It is known that forced cell differentiation leads to depletion of CSCs in brain tumors and colon cancer and that butyrate induces differentiation of colon cancer cells. Is there any possibility that the racial disparity is dependent on such microbial metabolites?