

## ESPS Peer-review Report

**Name of Journal:** World Journal of Gastroenterology

**ESPS Manuscript NO:** 6651

**Title:** Colon cancer-associated B2 Escherichia coli colonize gut mucosa and promote cell proliferation

**Reviewer code:** 00041966

**Science editor:** Ma, Ya-Juan

**Date sent for review:** 2013-10-27 11:56

**Date reviewed:** 2013-12-18 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"/> Rejection
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

This is a study that addresses the ability of colon cancer associated E.Coli to colonize and induce cells proliferation in an experimental model. The present study provides data supporting the ipotesi of the accelerated proliferative colonic mucosa response to infection with B2 E Coli stains. The article is well written but probably should be submitted to an experimental-specific journal.

## ESPS Peer-review Report

**Name of Journal:** World Journal of Gastroenterology

**ESPS Manuscript NO:** 6651

**Title:** Colon cancer-associated B2 Escherichia coli colonize gut mucosa and promote cell proliferation

**Reviewer code:** 02533963

**Science editor:** Ma, Ya-Juan

**Date sent for review:** 2013-10-27 11:56

**Date reviewed:** 2014-01-08 00:58

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	<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 type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

Overall, this very strong paper with a very good study design. It is also written very nicely and the data was presented clearly. 1. 205 please clarify gentamicin dose or amount 2. In mouse model infection section, how did you orally challenge the  $2.10^8$  bacteria to the mice? (i.e. gastric lavage vs. drinking water, etc.) 3. On figure legend 2, I would re-write the figure legend to make it shorter and clear. For example: Biofilm formation on human I-407 intestinal epithelial cells of colon cancer-associated B2 of E. coli strains (11G5) and diverticulosis-associated B2 E. coli strain (12H1) were compared to this of the non-pathogenic K-12 E. coli strain (C600) and the biofilm produced AIEC (LF82). A. no change..... B. Bacteria were stained using .... Etc.. 4. Figure legend 1&3 are too long. Some of the methods don't need to be repeated here. Also, statistical report can be simplified. Statistical technique can be elaborate more on methods section. Also, some of the p values are missing the symbol >, <, or =.

**ESPS Peer-review Report**

**Name of Journal:** World Journal of Gastroenterology

**ESPS Manuscript NO:** 6651

**Title:** Colon cancer-associated B2 Escherichia coli colonize gut mucosa and promote cell proliferation

**Reviewer code:** 02437936

**Science editor:** Ma, Ya-Juan

**Date sent for review:** 2013-10-27 11:56

**Date reviewed:** 2014-01-10 09:14

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
<input 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**

Thank you for submitting a wonderful article. This article is so informative to publish.

## ESPS Peer-review Report

**Name of Journal:** World Journal of Gastroenterology

**ESPS Manuscript NO:** 6651

**Title:** Colon cancer-associated B2 Escherichia coli colonize gut mucosa and promote cell proliferation

**Reviewer code:** 00291364

**Science editor:** Ma, Ya-Juan

**Date sent for review:** 2013-10-27 11:56

**Date reviewed:** 2014-01-10 11:40

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
<input 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

Its interesting that 11G5 infection could be developed in a transgenic model to understand the interactions of the bacteria and epithelial cells with human targets. measuring the plasma endotoxin and IL-6 levels in these mouse models to determine the extent of epithelial damage will be useful as the systemic inflammation can have adverse effect on the host immune system.