

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 47779

Title: G protein-coupled estrogen receptor in colon function, immune regulation and carcinogenesis

Reviewer's code: 00734047

Reviewer's country: Italy

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-03-30 17:03

Reviewer performed review: 2019-03-31 21:22

Review time: 1 Day and 4 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This review article summarizes the current state of knowledge regarding the role of G protein-coupled estrogen receptor (GPER) in colon function and colorectal cancer. My only comment is that the meaning of the table 1 is not clear. In this table, the processes



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modulated by GPER are related only to cancer in situ and metastasis. What were the criteria used to define cancer in situ in the colorectum? In the sections regarding the colorectal carcinogenesis the term “cancer in situ” is not expressed and should be clarified.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 47779

Title: G protein-coupled estrogen receptor in colon function, immune regulation and carcinogenesis

Reviewer's code: 02446061

Reviewer's country: Mexico

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-05-14 11:27

Reviewer performed review: 2019-05-16 01:47

Review time: 1 Day and 14 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a well-structured review. Some points should be revised for considering in WJG

- a) The entire manuscript should be revised for avoiding grammar and punctuation mistakes. b) I suggest information of specific ligands acting on the GPER

(endogenous-exogenous ligands, natural and synthetic). are there differences among their effects on CRC?). Probably a table let one to analyze in brief this information. c)
I am in agreement about the conclusions, "...GPER appears to be an important estrogen receptor during neoplastic transformation of colon and tumor progression..." but the last sentence (...and (they) should be considered a potential therapeutic target in the future)is unclear. Authors should be clear about the putative strategy to treat CRC.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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- ☐ Plagiarism
- ☐ No

BPG Search:

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No