

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 40323

Title: Bypassing major venous occlusion and duodenal lesions in rats, and therapy with the stable gastric pentadecapeptide BPC 157, L-NAME and L-arginine

Reviewer's code: 04881496

Reviewer's country: Croatia

Science editor: Ruo-Yu Ma

Date sent for review: 2018-08-15

Date reviewed: 2018-08-21

Review time: 6 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input checked="" type="checkbox"/> Accept	Peer-Review:
<input checked="" 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 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 type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input checked="" type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The manuscript is well written and shows novel therapeutic effects of pentadecapeptide BPC 157. Furthermore it investigates the interaction between NO agonists and antagonists with or without BPC 157, and by doing so it increases its scientific value.



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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: 40323

Title: Bypassing major venous occlusion and duodenal lesions in rats, and therapy with the stable gastric pentadecapeptide BPC 157, L-NAME and L-arginine

Reviewer's code: 02439165

Reviewer's country: China

Science editor: Ruo-Yu Ma

Date sent for review: 2018-08-29

Date reviewed: 2018-08-31

Review time: 2 Days

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 checked="" 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 checked="" 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
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			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The original findings of the manuscript is BPC 157 has strong attenuation effect on mucosal lesion and serosal congestion due to rescue original duodenal flow through inferior anterior pancreaticoduodenal vein to superior mesenteric vein flow. The new



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hypotheses is intervention with BPC 157 could activate collaterals rapidly and might achieve protective effects. What are the new phenomena and hypotheses that were found through experiments in this study? Through experiments they found BPC 157 rescued original duodenal flow through IAPDV to SMV flow, NO-system related effect. The conclusions summarized the data the study provided and the key problem the study solved is to protect the bowel with vein occlusion through BPC 157. What are the key problems in this field that this study has solved? The limitations of the study are the methods to access the histological change were simple, that is only using histopathology . The paper if published, will provide new idea to clinicians to investigate new methods or new drugs to protect the bowel with vein occlusion through activate collaterals rapidly.

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- ☐ No