



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 50639

Title: Changes in extracellular matrix in different stages of colorectal cancer and their effects on the proliferation of cancer cells

Reviewer’s code: 03402733

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Assistant Professor, Doctor

Reviewer’s country: Japan

Author’s country: China

Reviewer chosen by: Artificial Intelligence Technique

Reviewer accepted review: 2019-08-01 04:54

Reviewer performed review: 2019-08-03 05:37

Review time: 2 Days

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 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 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



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Comments to the Editor Zhu-Lin Li et al examined extracellular matrix in different stages of colorectal cancer. This original paper encompasses an interesting topic and may be worthwhile publishing, however it needs some critical revisions. Comments: 1. Authors investigated just the amount of type 1, 2, 3, and 4 collagens in tumor tissues. They didn't analyze other components of extracellular matrix including several types of proteins. Please consider performing proteomics analysis to reveal whole constituents of ECM. 2. At least, authors should evaluate proteins which have a role for ECM formation, e.g. matrix metalloprotease. 3. ECM contains several types of biologically active substance. Some of them deactivated by the stabilization for ECM, and some of them were still active after it. However, authors didn't assess the deactivation by the stabilization for ECM.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- The same title
- Duplicate publication
- Plagiarism
- No

BPG Search:

- The same title
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- Plagiarism
- No



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 50639

Title: Changes in extracellular matrix in different stages of colorectal cancer and their effects on the proliferation of cancer cells

Reviewer’s code: 02438889

Position: Editorial Board

Academic degree: MD

Professional title: Emeritus Professor

Reviewer’s country: Germany

Author’s country: China

Reviewer chosen by: Artificial Intelligence Technique

Reviewer accepted review: 2019-08-10 11:10

Reviewer performed review: 2019-08-10 11:48

Review time: 1 Hour

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 type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" 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:
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Good clinical consequences possible .

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 50639

Title: Changes in extracellular matrix in different stages of colorectal cancer and their effects on the proliferation of cancer cells

Reviewer's code: 01438532

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's country: United Kingdom

Author's country: China

Reviewer chosen by: Artificial Intelligence Technique

Reviewer accepted review: 2019-08-01 05:45

Reviewer performed review: 2019-08-16 21:22

Review time: 15 Days and 15 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 checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

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This topic is not the most novel as it has been studied before. The science behind the relationship between MMP2 and ECM is not very well understood. It is an important limiting step for the haematogenous spread of colorectal cancer rather than it's isolated proliferation. The methodology is very good (use both in vitro and in vivo techniques) and the analysis is comprehensive using 2 separate assessment tools - MTT and WB. I would value a little more on the purpose of the ECM in colorectal cancer: local invasion rather than proliferation in the background. The discussion should include the pharmacological implication or even the clinical impact of such implication. Afterall, these scientific experiments are intended to improve oncological outcome. I would also discuss the use of cellular migration studies such as matrgel invasion chamber studies etc. Overall, this manuscript is well written and the experiments well conducted.

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