



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 53077

Title: Clinical value evaluation of serum markers for early diagnosis of colorectal cancer

Reviewer's code: 02992570

Position: Peer Reviewer

Academic degree: FACC, MD, PhD

Professional title: Professor, Research Scientist

Reviewer's country: Japan

Author's country: China

Manuscript submission date: 2019-12-18

Reviewer chosen by: Artificial Intelligence Technique

Reviewer accepted review: 2019-12-23 00:24

Reviewer performed review: 2020-01-09 00:57

Review time: 17 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 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

SPECIFIC COMMENTS TO AUTHORS



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This is an interesting study about the clinical value evaluation of serum markers for early diagnosis of CRC. As cancer increases, CRC shows changes in bowel habits, blood in the stool, diarrhea, alternating diarrhea or constipation, local abdominal pain and other symptoms. In the advanced stage CRC, it shows anemia and body weight loss or other systemic symptoms. A typical CRC is developed from a focal change in benign, precancerous polyps. These polyps are local growths or the accumulation of abnormal cells in the intestinal mucosa that protrude into the intestinal lumen. Clinical screening for colorectal cancer involves colonoscopy, sigmoidoscopy and CT. Screening for biomarkers including CEA, CTC, circulating tumor DNA/RNA and abnormal DNA methylation. Early screening for CRC plays an important role in combating and controlling the growth of CRC morbidity and mortality worldwide. However, the currently available screening methods are severely inadequate because of their high cost and cumbersome preparation procedures that ultimately result in a low participation rate. Blood-based screening experiments attract the public because of their noninvasive and low patient harm features. This screening is easy to perform and can be repeated in shorter time intervals, which in turn leads to higher participation rates. In this study, the authors analysis multiple methods combined detection used to determine the tumor marker diagnostic value for detection of CRC. The design of the study is very well, results are interesting. The discussion is somewhat long, please shorten it. Table require a minor editing. Figures are good. Some minor language polishing should be corrected, such as "We aimed to to develop a new examination", the second "to" should be deleted.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- The same title
- Duplicate publication



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Plagiarism

No

BPG Search:

The same title

Duplicate publication

Plagiarism

No



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 53077

Title: Clinical value evaluation of serum markers for early diagnosis of colorectal cancer

Reviewer's code: 03015897

Position: Peer Reviewer

Academic degree: FEBG, MD

Professional title: Associate Professor, Research Scientist, Senior Lecturer

Reviewer's country: Canada

Author's country: China

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Reviewer chosen by: Artificial Intelligence Technique

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Reviewer performed review: 2020-01-09 01:04

Review time: 14 Days and 23 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 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
<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 type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

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In this study, Song et al aimed to develop a new examination method based on the serum biomarker panel for the early detection of CRC. The methods of the study is good, and sample size is big. The results are well discussed with update references. The manuscript requires a minor editing before final publication. Some minor language polishing in the abstract and main text should be corrected, this may be due to carelessness in typewriting.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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- Duplicate publication
- Plagiarism
- No

BPG Search:

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- Duplicate publication
- Plagiarism
- No



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 53077

Title: Clinical value evaluation of serum markers for early diagnosis of colorectal cancer

Reviewer’s code: 03024280

Position: Peer Reviewer

Academic degree: FRCS (Ed), PhD

Professional title: Professor, Senior Lecturer

Reviewer’s country: United States

Author’s country: China

Manuscript submission date: 2019-12-18

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Reviewer performed review: 2020-01-09 01:24

Review time: 17 Days and 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 checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
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<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
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Interesting study. Minor revision is required. 1. Abstract. "We aimed to to develop a new", please delete the repeated "to"; some "colorectal cancer" should be changed to "CRC". 2. Core tip. "earyl" should be "early". 3. Main text. Also, some "colorectal cancer" should be changed to "CRC". And some blanks are missing, please check it. 4. Tables are good, a minor editing is required. Over all, I recommend to accept the manuscript after this minor revision.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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- Plagiarism
- No

BPG Search:

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- Plagiarism
- No