

## PEER-REVIEW REPORT

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

**Manuscript NO:** 53229

**Title:** Value of lncRNA Rpph1 in esophageal cancer and its effect on cancer cell sensitivity to radiotherapy

**Reviewer's code:** 03362724

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Assistant Professor

**Reviewer's country:** Turkey

**Author's country:** China

**Reviewer chosen by:** Artificial Intelligence Technique

**Reviewer accepted review:** 2019-12-11 09:09

**Reviewer performed review:** 2019-12-23 06:13

**Review time:** 11 Days and 21 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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS



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**https://**www.wjgnet.com

the manuscript is really well organised and well studied. As you said, the signalling pathway has also great importance.

#### **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:** 53229

**Title:** Value of lncRNA Rpph1 in esophageal cancer and its effect on cancer cell sensitivity to radiotherapy

**Reviewer's code:** 03478911

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Chief Technician, Executive Vice President, Research Assistant Professor

**Reviewer's country:** South Korea

**Author's country:** China

**Reviewer chosen by:** Jin-Zhou Tang

**Reviewer accepted review:** 2019-12-27 09:41

**Reviewer performed review:** 2020-01-07 08:52

**Review time:** 10 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 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**

To treat esophageal cancer, radiotherapy has been a critical treatment option that may be combined with chemotherapy in patients with unresectable esophageal cancer. However, resistance might result in treatment failures and cancer relapse. In most cases, radio-resistance studies typically look at changes in cellular mechanisms and tumor-associated microenvironmental factors, such as cell cycle checkpoints, stem cells, macrophages, and so on. Of course, the study of radio-resistance by long noncoding RNAs has been actively carried out recently, but the suggestion of long non-coding RNAs Rpph1 for studying radio-resistance was considered as a very novel field. In this study, reflecting this background, this reviewer did not find any major issues in the research flow and whole contents. Instead, there are two minor issues. 1. There is no discussion on the theoretical background of using TE-1 and Kyse150 cell lines. It should be stated whether the two cell lines have the characteristics for representative of radio-resistance. 2. Labels in all figures need to be modified. This reviewer had to zoom in each time to check its label.

## **INITIAL REVIEW OF THE MANUSCRIPT**

### ***Google Search:***

- ☐ The same title
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- ☐ No

### ***BPG Search:***

- ☐ The same title



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[ ] Duplicate publication

[ ] Plagiarism

[ Y ] No

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 53229

**Title:** Value of long non-coding RNA Rpph1 in esophageal cancer and its effect on cancer cell sensitivity to radiotherapy

**Reviewer's code:** 03478911

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Chief Technician, Executive Vice President, Research Assistant Professor

**Reviewer's country:** South Korea

**Author's country:** China

**Manuscript submission date:** 2019-12-11

**Reviewer chosen by:** Ze-Mao Gong

**Reviewer accepted review:** 2020-03-14 08:37

**Reviewer performed review:** 2020-03-14 08:47

**Review time:** 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
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<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input checked="" 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 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

#### **SPECIFIC COMMENTS TO AUTHORS**

All minor issues have been well addressed.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

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- ☐ Plagiarism
- ☒ No

##### ***BPG Search:***

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