

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 45616

**Title:** Up-regulation of tumor necrosis factor- $\alpha$  pathway survival genes and of the receptor TNFR2 in gastric cancer

**Reviewer's code:** 02982391

**Reviewer's country:** Saudi Arabia

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2019-01-11

**Date reviewed:** 2019-01-11

**Review time:** 9 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 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" 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

World Journal of Gastrointestinal Oncology Up-regulation of TNF- $\alpha$  pathway survival genes in gastric cancer via TNFR2 ID: 01047678 I read with great interest the above titled article. However, there are several problems in the manuscript 1. Abstract: The



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title of the article is not reflective of the aims of the study. 2. Abstract: Methods: is not well-described- the first three lines are factual information. 3. Abstract: What do you mean by “revealed various possible relationships”? 4. Abstract: conclusions are not based on cause effect relationships. The relationship is not strongly defended in the experimental work 5. Introduction: First two lines- but there are global geographical variabilities regarding the incidences of gastric cancer. The statement is too broad. 6. Introduction: What was the problem? What was the rationale of the study? What were your research questions and your hypothesis? It is not clear from what stated in the last 2 paragraphs how this work fits with earlier work. 7. Materials and Methods: Start with a study design: Briefly describe how your methods will enable you to answer your research question(s). State the number of samples (number of patients), sources of samples, etc. Were the 31 samples from 31 patients? 8. Statistical analysis- give a reference for methods used in statistical work 9. Results: Maintain the subtitles under results to mirror those under methods. 10. The authors may need to read these studies (none were cited): Zabaglia LM et al (2018), Zhang X et al (2013), Zhou C et al (2013). 11. Conclusions: looks different from the conclusion stated in the abstract. I cannot see a cause effect relationship from experimental work conducted. The authors may need to be careful with their statements.

## **INITIAL REVIEW OF THE MANUSCRIPT**

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

[ ] The same title

[ ] Duplicate publication

[ ] Plagiarism

[Y] No



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**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 45616

**Title:** Up-regulation of tumor necrosis factor- $\alpha$  pathway survival genes and of the receptor TNFR2 in gastric cancer

**Reviewer's code:** 03966983

**Reviewer's country:** Iran

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2019-01-18

**Date reviewed:** 2019-01-22

**Review time:** 6 Hours, 4 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:
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<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
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		<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 study by Rossi et al. reported that the expression of important genes of the TNF- $\alpha$  signaling pathway were up-regulated in gastric cancer. They concluded that this may promote cell survival possibly by TNF- $\alpha$ /TNFR2/NF $\kappa$ B pathway and negatively



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controls TNFR1-mediated apoptosis, which is highlighted by predominant expression of anti-apoptotic in relation to pro-apoptotic mediators. As the authors mentioned this is the first study to investigate the expression of genes that participate in the TNF $\alpha$  pathway and its relationship to miRNA expression in gastric cancer, which could open up new realms of interrogation. For this one, very important reason I feel that the work deserves publication. Below, I provide a minor comment which I hope will improve the manuscript. In the last paragraph of the introduction, it is better to write more clearly about the aims of the study. I recommend to be re-written.

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

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- ☐ [Y] No

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