

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 55256

Title: Clinical Significance of SQSTM1/P62 and NF-κB expressions in pancreatic carcinoma

Reviewer's code: 02857752

Position: Peer Reviewer

Academic degree: FRCPA, MD, PhD

Professional title: Associate Professor, Surgeon

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-03-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-03-29 03:48

Reviewer performed review: 2020-04-13 11:26

Review time: 15 Days and 7 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

High expression of p62 was found in small cell lung cancer, breast cancer, liver cancer and other malignant tumor cells. As a scaffold and adaptor protein in signal transduction pathway, P62 participates in the regulation of multiple signal transduction pathways, including Ras/Raf/MAPK and NF- κ B pathway, which can enhance the proliferation, migration and invasion of tumor cells. The over accumulation of p62 and the imbalance of NF- κ B signal make mice more likely to produce tumors. It has been confirmed that KRAS mutation can induce the overexpression of p62, which promote the growth of pancreatic ductal adenocarcinoma. This study of SQSTM1/P62 and NF- κ B expressions in pancreatic carcinoma is very interesting. The rising of AP-1 caused by P62 can lead to the expression of NF- κ B in pancreatic cancer cells. P62 expression was also found decreased when NF- κ B activity was inhibited. It is thus proved there is a circular relationship between p62 and NF- κ B, which leads to a continuous activation of NF- κ B pathway. In this study, the authors explored the expression of p62 in pancreatic cancer and the relationship between its clinicopathological features. Their correlations with clinicopathological features and recurrences were also evaluated to determine whether P62 expression levels could be used to predict the prognosis in patients with follicular thyroid cancer. The manuscript overall is well written. The study design is good, sample are acceptable. Methods of immunohistochemistry are reasonable, and in detail. Minor comments: 1. The manuscript requires an editing according to the journal's guideline. 2. Figures are too small, please provide the images in high resolution. 3. Data in tables are very interesting. However, the tables require editing.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 55256

Title: Clinical Significance of SQSTM1/P62 and NF-κB expressions in pancreatic carcinoma

Reviewer's code: 02855134

Position: Peer Reviewer

Academic degree: FCPS, MBBS, PhD

Professional title: Professor, Senior Lecturer

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2020-03-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-04-02 11:19

Reviewer performed review: 2020-04-13 11:28

Review time: 11 Days

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Overall the study of SQSTM1/P62 and NF- κ B expressions in pancreatic carcinoma is very well designed and the results are very interesting. How about the limit of the study? Please discuss it. Manuscript requires a minor language editing.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 55256

Title: Clinical Significance of SQSTM1/P62 and NF-κB expressions in pancreatic carcinoma

Reviewer's code: 02856362

Position: Peer Reviewer

Academic degree: FASGE, MD, PhD

Professional title: Associate Professor, Research Scientist

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2020-03-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-04-02 11:18

Reviewer performed review: 2020-04-13 11:43

Review time: 11 Days

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

Interesting study. I recommend to accept this manuscript after a minor editing.