

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 88343

Title: Comprehensive analysis of the role of ubiquitin-specific peptidases in colorectal cancer: A systematic review

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05402173

Position: Editorial Board

Academic degree: DPhil, PhD

Professional title: Associate Professor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United Arab Emirates

Manuscript submission date: 2023-09-24

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-09-25 11:09

Reviewer performed review: 2023-09-26 10:56

Review time: 23 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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 checked="" 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

Al-Balushi et al. conducted a review on the role of ubiquitin-specific peptidases in CRC. This review is properly designed, meticulously conducted and well written. This work is important for the understanding of the cancer biology and for the development of novel therapeutic strategy against CRC. This reviewer has a few minor suggestions as follows.

1, Introduction: "It is considered the third most common malignant disease. In 2020, CRC was responsible for approximately 1.9 million cases of cancer and 0.9 million deaths worldwide. It is the third most frequent type of cancer and the second most fatal cancer in many countries (1-5)." "Third most common..." and "third most frequent..." are redundant. Please merge these two sentences. In addition, a relevant paper should be cited: Xie Y, Shi L, He X, Luo Y. Gastrointestinal cancers in China, the USA, and Europe. *Gastroenterol Rep (Oxf)*. 2021 Mar 29;9(2):91-104. doi: 10.1093/gastro/goab010. PMID: 34026216; PMCID: PMC8128023. 2, Introduction, second paragraph, first sentence: "Identification of the various factors involved in the emergence of CRC can be of paramount importance in this quest." Need references here. Suggestions: (1) Chi Z, Lin Y, Huang J, Lv MY, Chen J, Chen X, Zhang B, Chen Y, Hu J, He X, Lan P. Risk factors



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

for recurrence of colorectal conventional adenoma and serrated polyp. *Gastroenterol Rep (Oxf)*. 2021 Sep 16;10:goab038. doi: 10.1093/gastro/goab038. PMID: 35382162; PMCID: PMC8972988. (2) Parmar S, Easwaran H. Genetic and epigenetic dependencies in colorectal cancer development. *Gastroenterol Rep (Oxf)*. 2022 Aug 12;10:goac035. doi: 10.1093/gastro/goac035. PMID: 35975243; PMCID: PMC9373935. (3) Liang L, Liang Y, Li K, Qin P, Lin G, Li Y, Xu H, Wang S, Jing Q, Liang B, Xu L. A risk-prediction score for colorectal lesions on 12,628 participants at high risk of colorectal cancer. *Gastroenterol Rep (Oxf)*. 2022 Feb 9;10(1):goac002. doi: 10.1093/gastro/goac002. PMID: 35154783; PMCID: PMC8827054.

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Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United Arab Emirates

Manuscript submission date: 2023-09-24

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-10-12 15:31

Reviewer performed review: 2023-10-15 14:31

Review time: 2 Days and 22 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

1. Why you use Ubiquitin-specific Peptidases in title but Ubiquitin-specific proteases in main body? 2. In addition to apoptosis, are USPs associated with other cell death?