

March 17, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 8137-review.doc).

Title: Genotypic Characteristics of Resistant Tumors to Pre-operative Ionizing Radiation in Rectal Cancer

Author: Zeeshan Ramzan, Ammar B. Nassri, Sergio Huerta

Name of Journal: *World Journal of Gastrointestinal Oncology*

ESPS Manuscript NO: 8137

The manuscript has been improved according to the suggestions of reviewers:

1 Running title has been added:-

Radiation Resistance in Rectal Cancer

2 Author information has been added:-

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3 Author contribution has been added:-

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(1) Substantial contributions to conception and design, acquisition of data, or analysis and interpretation of data; (2) drafting the article or revising it critically for important intellectual content; and (3) final approval of the version to be published.

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(1) Contributions to design, analysis and interpretation of data; (2) drafting the article or revising it critically for important intellectual content; and (3) final approval of the version to be published.

Sergio Huerta, MD

(1) Substantial contributions to conception and design, acquisition of data, or analysis and interpretation of data; (2) drafting the article or revising it critically for important intellectual content; and (3) final approval of the version to be published.

4 CORE section has been added

Treatment of locally advanced rectal cancer stage II and III includes neoadjuvant chemo-radiation followed by surgery if clinically feasible. A strategy of observing patients without an operation has been proposed by some surgeons, but this is still the center of much debate. Moreover, the therapeutic effect of ionizing radiation in treatment of rectal cancer varies significantly from one person to another. This has led investigators to identify the molecular targets and pathways in rectal tumors resistant to ionizing radiation in a bid to improve the therapeutic effect of radiation by advanced biomedical and genetic engineering.

5 Order of figures has been revised.

6 References and typesetting were corrected to include PUBMED ID, DOI and reference format as outlined in the instructions document. In addition, in text citations were superscripted as recommended by the reviewers.

Thank you again for publishing our manuscript in the *World Journal of Gastrointestinal Oncology*.

Sincerely yours,



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