

ANSWERING REVIEWERS



March 21, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 2429-review.doc).

Title: Mechanisms of regulation of PFKFB expression in pancreatic and gastric cancer cells.
A review of the literature

Author: Oleksandr H. Minchenko, Katsuya Tsuchihara, Dmytro O. Minchenko,
Andreas Bikfalvi, Hiroyasu Esumi

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 9660

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

1 Format is updated

2 Revision has been made according to the suggestions of the reviewer

Review 2014-03-03:

1- Paper must be presented with a more clear and understandable form.

We try to present material of this paper more clear and understandable form. All changes are selected by red color.

2- Tables may be useful for readers to understand this biology

We modified some figure legends and figure description in the text.

3- There are many grammatic and typographic errors and paper must be reviewed and these mistakes must be corrected

We deleted many grammatical and typographical errors.

Review 2014-02-27:

1. We add new data concerning the role of PFKFB3 and PFKFB4 in cancers. All changes are selected by red color.

2. We add the results of PFKFB3 and PFKFB4 as well as PFKFB2 expressions in other tumors (colon, lung and breast).

3. We describe the expression of different PFKFB in human gastric malignant tumors as well as colon, lung and breast cancers, but we had no possibility to study pancreatic cancers and could not find data in the available literature.

4. In the conclusion and in the text we clarify the mechanism of PFKFB3 and PFKFB4 hypoxic regulation: "In promoter region of *PFKFB-4* and *PFKFB-3* genes was identified HIF responsive element which bind transcription factor HIF and mediate hypoxic regulation, because deletion or point mutation of this HIF responsive element eliminates the hypoxic regulation both *PFKFB-4* and *PFKFB-3* genes".

5. For figure 2 and the corresponding results section, we add P value.

6. We check the misspelled words carefully.

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3 References and typesetting were corrected

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

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Minchenko".

Oleksandr H. MINCHENKO, PhD, DSc

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