

ANSWERING REVIEWERS



April 05, 2015

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 17210-review.doc).

Title: Macrophage migration inhibitory factor as a potential prognostic factor in gastric cancer

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Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 17210

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

1 Format has been updated

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

- (1) I would like to ask them to add another experiment for cellular proliferation assay such as BrdU examination because MTT assay used to be influenced by the condition of cellular electron transport systems: siRNA treatments may change the value of respiration.

If other experiment for cellular proliferation assay was performed in present study, the inhibitory effect of MIF RNA interference on gastric cancer cell proliferation would be further confirmed. In similar studies by other investigators, MTT assay were also acceptable for testing cancer cell proliferation after MIF RNA interfering.

References:

- ① . Huang XH, Jian WH, Wu ZF, Zhao J, Wang H, Li W, Xia JT. Small interfering RNA (siRNA)-mediated knockdown of macrophage migration inhibitory factor (MIF) suppressed cyclin D1 expression and hepatocellular carcinoma cell proliferation. *Oncotarget*. 2014 Jul 30;5(14):5570-80.
- ②. Guo P, Wang J, Liu J, Xia M, Li W, He M. Macrophage immigration inhibitory factor promotes cell proliferation and inhibits apoptosis of cervical adenocarcinoma. *Tumour Biol*. 2015 Feb 26. [Epub ahead of print]
- ③. See comment in PubMed Commons below Guo Y, Hou J, Luo Y, Wang D. Functional disruption of macrophage migration inhibitory factor (MIF) suppresses proliferation of human H460 lung cancer cells by caspase-dependent apoptosis. *Cancer Cell Int*. 2013 Mar 24;13(1):28. doi: 10.1186/1475-2867-13-28.

3 Abstract, references and typesetting were corrected. Core tip and comment were added.

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

Sincerely yours,

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