

August 29, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 13071-review.doc).



Title: Xiaotan Sanjie Decoction Inhibits Interleukin-8-induced Metastatic Potency in Gastric Cancer

Author: Jun Shi, Pin-Kang Wei

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 13071

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) Several language errors can be found in the manuscript. Such as, Abstract: "polumerase chain reaction" should be "polymerase chain reaction"

We have accepted a copyediting service provided by the American Journal Experts. The manuscript has been edited for grammar, spelling, vocabulary and phrasing.

(2) Only one gastric cancer cell line was used.

We thank the reviewer for the suggestion about using more than one gastric cancer cell lines. It has been reported that IL-8 promotes adhesion, migration and invasion in SGC-7901 gastric cancer cell line (reference 7). But whether IL-8 can promote these abilities in other gastric cancer cell lines remains unclear. We focused on whether XTSJ decoction inhibits adhesion, migration and invasion of gastric cancer by decreasing IL-8 expression. So we investigated the interaction between IL-8 and XTSJ decoction in the SGC-7901 gastric cancer cell line, but not in other cell lines. We plan to investigate the role of IL-8 and the interaction between IL-8 and decoction on metastatic potency of other gastric cancer cell lines in future.

(3) Table 2 and 3: the statistic results should be indicated.

We thank the reviewer for the suggestion. ANOVA with a factorial design was used to assess the interaction between IL-8 and XTSJ decoction. P values of the data mentioned in Table 2 and 3 are the comparative results of all factors, including IL-8, XTSJ decoction and IL-8 *XTSJ decoction, rather than four groups. We have indicated the P values on the Table 2 and Table 3.

(4) Figure 4: how many times have you done?

All experiments were repeated three times. We have added this sentence.

(5) Figure 5: It is hard to see the effects of XTSJ decoction and IL-8 on the expression of CD44 in mRNA level.

Please find a high-resolution figure in the updated attachment (Figure 5). We apologize for the previous figure at low-resolution, which was hard to see the effects.

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 that reads "Jun Shi".

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