Reviewer's report

Title: Gastric cancer cell supernatant causes apoptosis and fibrosis in the peritoneal tissues and results in an environment favorable to peritoneal metastases, in vitro and in vivo

Version: 4 Date: 28 February 2012

Reviewer: Masakazu Yashiro

Reviewer's report:

The revised manuscript is generally well modified. However, I regrettably should say that it is still immature for publication.

1. They showed the additional TEM data of treated SGC-7901 cells in Figure 2C, but it looks hard to evaluate these phenomena are common in gastric carcinomas. To show these data as satisfactory, it would be necessary to show both control and treated cells at least three cells. It is similarly recommended to show data of several gastric carcinoma cells in Figure 1. And there is no description about these additional data in the text.

2. Discussion is still too long. Excessive descriptions make the point unclear.

Minor points:

Page 9 line 29: Please change “Masakazu” to “Yashiro”.

Page 11 line 12: Please change “VI” to “IV”.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I have no competing interests.