Reviewer's report

Title: Efficient delivery of PEGylated liposome IHL-305 into ascites of ovarian cancer peritoneal metastasis in mouse model

Version: 1 Date: 26 May 2012

Reviewer: Masatoshi Watanabe

Reviewer's report:

General comments
This paper describes efficient delivery of PEGylated liposome IHL-305 into ascites of ovarian cancer peritoneal metastasis in mouse model. This is a well-written paper containing interesting results, which merit publication. It would be better if some extra data and comments were added. These are given below.

Results&Discussion
1. Establishment of ES-2 peritoneal metastasis mouse model: The authors should add some data on animal conditions such as weight and food consumption.
2. Fig.2-A does not show expression data on ERK and pERK. The authors should these expression data if possible. In addition, How about difference between spheroids and cancer cells of the ascites?
3. This study shows suppressive effects of IHL-305 on ascites production and metastasis compared with those of CPT-11. CPT-11 shows suppressive effect of ascites production, however no suppressive effect of metastasis. If possible, the authors comment the relationship the ascites and metastasis.

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Needs some language corrections before being published

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

Declaration of competing interests:
I have no competing interests.