Reviewer's report

Title: Influence of Mucin-1 on grading, staging and overall survival evaluated in sera and tissue of ovarian cancer patients

Version: 1 Date: 5 June 2012

Reviewer: Lin Guo

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Major Compulsory Revisions:
1. The authors should state some limitations of the study in the discussion section of the manuscript.
2. The authors need to try to discuss the reasons that MUC-1 expression was correlated with pT stage by VU-3-C6 antibody, but the effects were not found regarding FIGO stage.
3. It would be better that the authors could consider to supply the table(s) to show the IHC statistical results between the two groups.

Minor Essential Revisions:
1. The title of this manuscript should capitalize the initial of the words.
2. Mucin-1, also named as carcinoma-associated antigen CA 15-3. The author should explain these two terms are the same molecule in Background section of the manuscript.
3. The number of the patients should be consistent in manuscript. In Methods section(page 4), “…the group of patients with either benign (n=76) or malign (n=44) disease of the ovary…”is not correct and please carefully check the number of benign patients; Here, the number of benign patients should be 74 according to the following analyses, and “malign” should be “malignant”.
4. The figure legends should be simplified.
5. It is confused that the decimal sign of the numbers in result section sometimes was shown in solid dot “.”, but sometimes as the comma sign “,”.

Level of interest: An article of importance 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 declare that I have no competing interests