Reviewer’s report

Title: Trop-2 Protein Overexpression is an Independent Prognostic Marker in Endometrioid Endometrial Carcinoma

Version: 3 Date: 20 August 2012

Reviewer: Andrzej Semczuk

Reviewer’s report:

Bignotti et al. have investigated trop-2 overexpression in a cohort group of 118 patients affected by endometrioid-type endometrial cancer. They showed that some clinicopathologic features were related to protein overexpression. Finally, multivariate analysis revealed trop-2 overexpression as an independent prognostic factor for DFS. Finally, they stated that "...trop-2 protein overexpression is significantly associated with higher tumor grade and serves as an independent prognostic factor in endometrioid endometrial cancer".

This paper needs a minor revision before final acceptance.

1. The title should be changed and reported that DFS but not OS or PFS was of prognostic value.
2. Did the authors use their own immunohistochemical scale or this grading was taken from the literature?
3. Also FIGO stage was an independent predictive factor for poor DFS- add in the abstract.
5. Please discuss why DFS is so important in trop-2 overexpression.
6. Maybe it is better to show only significant values for example Figure 1A not 1B and 1C.

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

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.