Reviewer's report

Title: Regional differences in prostaglandin E2 metabolism in human colorectal cancer liver metastases

Version: 1 Date: 7 January 2013

Reviewer: Peter J.K. Kuppen

Reviewer's report:

This is a manuscript by Young et al. on prostaglandin E2 metabolism in colorectal cancer, with emphasis on regional differences in a tumor. It is a nice study, but a few points are not clear. It is for instance not clear why liver metastases have been chosen, why not primary tumors? Furthermore, tumors (heterogeneous) are compared with cell lines (expected to be homogeneous). This should be clarified. It would probably be much better if a comparison among primary and metastatic tumors would be made. Finally, the authors are discussing therapy, but this is beyond the context of the paper and not supported by any data.

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

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests