Reviewer's report

Title: Preoperative serum 8-hydroxydeoxyguanosine is associated with chemoresistance and is a powerful prognostic factor in endometrioid-type epithelial ovarian cancer

Version: 1 Date: 25 March 2015

Reviewer: Deodutta Roy

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Authors have found that an elevated serum 8-OHdG level is a highly significant predictor of poor prognosis, especially in cases of the endometrioid subtype of epithelial ovarian cancer. High DJ-1 levels were associated with high histological grade and non-significantly associated with serous histology vs. other histology. In addition, high 8-OHdG levels predicted earlier development of platinum resistance, which may have a significant clinical impact, if, confirmed in future studies. These results could be beneficial as regards chemotherapy and maintenance treatment in cases of ovarian cancer.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

None