Reviewer's report

Title: An association between hOGG1Ser326Cys polymorphism and the risk of bladder cancer in non-smokers: a meta-analysis

Version: 2 Date: 7 May 2012

Reviewer: Xuejuan Jiang

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Major compulsory revisions:
1. The conclusion from this study may not be generalized to other studies, because 6 out of the 7 studies included in this meta-analysis are hospital-based and only 1 is population-based. There are many population-based studies of bladder cancer that have collected genome-wide genetic data. Without including data from those population-based studies limits the implication of the findings from this study.

2. Publication bias may exist for the analysis stratified by smoking status. Only 4 out of 7 studies provided stratified data, and 3 studies contributed to the dominant/recessive model analysis, and two studies contributed to the additive model. It is very likely that these published studies provided such stratified analysis only when there were significant heterogeneity observed between smokers and nonsmokers.

Level of interest: An article of limited interest

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

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

Declaration of competing interests:

I have no competing interests to declare.