Reviewer’s report

**Title:** Association between the XRCC1 polymorphisms and clinical outcomes of advanced NSCLC treated with platinum-based chemotherapy: A meta-analysis based on the PRISMA statement

**Version:** 1  **Date:** 02 Feb 2017

**Reviewer:** Laura Bonanno

**Reviewer's report:**

The manuscript describes a meta-analysis about the predictive role of XRCC1 polymorphisms in lung cancer patients treated with platinum-based chemotherapy.

Although the performance of meta-analysis about the topic is interesting in itself, the authors should admit the limited clinical application of the data.

I suggest the following changes:

- please comment in the discussion about other potential predictive markers of sensitivity to platinum-based chemotherapy in lung cancer

- please discuss about the limited potential application of the data, given the results of clinical trials investigating the role of predictive markers and the detrimental effect of omit platinum (if clinically feasible) in the treatment of advanced lung cancer patients

- please review the language of the text

- please check the references, for example page 7 line 8 and the lack of reference about clinical role of platinum in the introduction (the sentence is too generic anyway).

**Are the methods appropriate and well described?**

If not, please specify what is required in your comments to the authors.

Yes

**Does the work include the necessary controls?**

If not, please specify which controls are required in your comments to the authors.

Yes

**Are the conclusions drawn adequately supported by the data shown?**

If not, please explain in your comments to the authors.
Yes

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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