Reviewer's report

Title: TNFR2 +676 T>G polymorphism predicts survival of non-Small cell lung cancer patients treated with chemoradiotherapy

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Reviewer: Christos Yapijakis

Reviewer's report:

The manuscript of Xiaoxiang Guan et al. describes a genetic association study of five potentially functional polymorphisms in TNF-# and TNFR2 genes with prognosis of non-small cell lung cancer (NSCLC) patients treated with chemoradiotherapy. The authors report that the TNFR2 + 676 GG genotype is an independent prognosis factor after multivariate regression analysis in the presence of node status and tumor stage.

This study has a well justified aim and its methodology is sound. It has resulted in interesting original findings and the well written manuscript merits publication.

Minor essential revision

It would be suggested to the authors to inquire whether there might be a possible connection of their findings of TNFR2 role in lung cancer immunological response with the findings of of TNFR2 role in lung immunological response to infection (Sainz J et al. “Variable number of tandem repeats of TNF receptor type 2 promoter as genetic biomarker of susceptibility to develop invasive pulmonary aspergillosis” Hum Immunol. 2007). A comment in Discussion might be worthwhile.

Level of interest: An article of importance in its field

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 I have no competing interests.