Reviewer's report

**Title:** Genetic polymorphisms in the endothelial nitric oxide synthase gene correlate with overall survival in advanced non-small-cell lung cancer patients treated with platinum-based doublet chemotherapy.

**Version:** 1  **Date:** 1 June 2010

**Reviewer:** shenglin ma

**Reviewer's report:**

In this paper, shiro et al described the polyphophisms in the eNOS gene on outcome of patients with advanced NSCLC. 5-year overall survival was significantly increased in patients carrying the VNTR a-allele compared with VNTR b/b patients. The data was clear and the result was interesting. But there are still some aspects needing major revisions.

Major compulsory revisions:
1. The abstract is incredibly long and needs to shortened to essentials.
2. Did the distribution of genotypes correlated with clinical and pathological parameters? It should add more information about treatment procedure, such as chemotherapy regimens and radiotherapy.
3. More factors might influence the prognosis of NSCLC. Did the groups have the discrepancies on the treatment combination and clinical stage?

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

**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 declare that I have no competing interests