Reviewer's report

Title: Serum paraoxonase and arylesterase activities in patients with lung cancer in Turkish population

Version: 2 Date: 16 January 2007

Reviewer: Tsunehiro Oyama

Reviewer's report:

General
This paper studied about "Serum paraoxonase and arylesterase in patients with lung cancer". This is the first study to reveal the association between PON1 and lung cancer in English literature.

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)
In "2.4. The phenotypic distribution of paraoxonase".
It is necessary to explain PON1 phenotypes in detail.

In "3-Results".
Please compare biochemical parameters among small cell carcinoma, squamous cell carcinoma and adenocarcinoma and also compare them in stages.

In "4-Discussion".
It is necessary to explain PON1 genotypes in detail. Which one is wild type?

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)
In "2.3. Assay........"
Please change ".[23]" to "[23]."

Discretionary Revisions (which the author can choose to ignore)

What next?: Accept after minor essential revisions

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.