Reviewer's report

Title: Mitochondrial DNA 5178 C/A polymorphism modulates the effects of alcohol consumption on estimated glomerular filtration rate in middle-aged Japanese men

Version: 1 Date: 22 May 2012

Reviewer: Subir Kumar K Das

Reviewer's report:

1. The question posed by the authors are not well defined
2. The selection of subjects are not well described. Authors should clearly state the nature of subjects- number of non-drinkers, number of habitual drinkers, number of social drinkers; amount of daily alcohol intake etc.
3. The data are not sufficient. What is/ are blood chemical and physical data?
4. The manuscript adhered to the relevant standards for reporting and data deposition.
5. The discussion and conclusions part should focus on results obtained from this study. Some part of discussion is purely speculative. For example statement given against Ref. 23.
6. The authors clearly stated limitations of the work, however certain areas must be addressed.
7. The authors clearly acknowledged any work upon which they are building, both published and unpublished.
8. The title needs to be modified and abstract should be rewritten
9. Authors must check Key words from Pubmed.
10. The writing Is not acceptable in its present form

Level of interest: An article of limited interest

Quality of written English: Not suitable for publication unless extensively edited

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

'I declare that I have no competing interests'