Reviewer's report

Title: Chronic mountain sickness in Chinese Han males who migrated to the Qinghai-Tibetan plateau: application and evaluation of diagnostic criteria for chronic mountain sickness

Version: 4 Date: 21 May 2014

Reviewer: Lorenza Pratali

Reviewer's report:

The manuscript written by Jiang C. and co-authors was reviewed and resubmitted.

The length of the paper was effectively reduced, but the authors didn’t address all the questions raised by the reviewer.

In particular still lacking the characterization of the enrollment criteria and the definition of the study (prospective or retrospective).

- Why do you included arthritis or stomach ulceration as predisposing factors for CMS?
- There is no quantification of the use of cigarettes and alcohol. Was considered, in the questionnaire, the use of alcohol as YES or NOT?

Define clearly the enrolled criteria and the possible predictors of CMS is very important for the statistical analysis. Please specify exactly which parameters entered in the logistic regression analysis.

- If “the age of the subjects in this study is not representative and more subjects are needed in later studies to clarify the prevalence of CMA in Chinese Han-males”. The results of this study cannot be extended to the entire male sex. Perhaps it should be specified in the discussion section and also in the title.

Minor revisions
- page 9 line 3 (paragraph Predisposing factors for CMS): SO2, HR and BMI aren’t cardiac indices.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

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

Declaration of competing interests:

I declare that I have no competing interests