Reviewer's report

Title: Nutrition assessment of Vitamin A and Vitamin D in northeast Chinese population based on SPE/UPLC/PDA

Version: 0 Date: 23 Jan 2018

Reviewer: Salvatore Chirumbolo

Reviewer's report:

This study does not bear any true novelty in the field, as its rationale and methodology is flawed by the fundamental absence of covariates and a correlation/regression statistics with a further commonly used method or a gold standad to assay retinol and calcidiol in the recruited subjects.

No ROC analysis was attempted, to assess of false positives...

Furthermore, no dietary and metabolic information on the enrolled individuals have been addressed.

The paper is completely unsuitable for publication in this form.

Minor:

Please, check and revise English language and typos in the text

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

No

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
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Not relevant to this manuscript

**Quality of written English**
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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