Author’s response to reviews

Title: Association analysis between the tag single nucleotide polymorphisms of DENND1A and the risk of polycystic ovary syndrome in Chinese Han women

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Author’s response to reviews:

Dear Editor,

Re: MGTC-D-19-00211R2 (Research Article) Zhu et al "Association analysis between the tag single nucleotide polymorphisms of DENND1A and the risk of polycystic ovary syndrome in Chinese Han women".

We would like to thank the editor and the reviewers for their constructive suggestions and comments. We hereby resubmit our revised manuscript to BMC Medical Genetics.

Editor and Reviewers’ minor suggestions and comments are responded as follows. We hope that the manuscript can now be accepted for publication in this journal. We are looking forward to your favorable decision.

To Editor:
Please elaborate further the contribution(s) of the author Ya-nan Zhu (YNZ) in this work, to justify
his/her affiliation with Department of Endodontics, Nanjing Stomatological Hospital, Medical School of Nanjing University. Nanjing, Jiangsu, China.

Response:
Ya-Nan Zhu is both a clinical practitioner at Nanjing Stomatological Hospital and a registered PhD student at Nanjing University since September 2017. Work undertaken by Ya-Nan Zhu contributing to the completion of the majority of this manuscript also contributes to her PhD project supervised by Professor Yong Wang who focuses on reproductive biology. This research project, although having deviated from conventional stomatological topics, was previously agreed upon between the hospital, which has sponsored the studentship, and the supervisor. We believe that the research techniques and experience gained from this training will for sure benefit the student for her future research endeavor focusing on stomatological diseases. Therefore, in this manuscript, we believe it is appropriate to list Nanjing Stomatological Hospital as one of Ya-Nan Zhu’s affiliations.

Reviewer 1:
The authors revised the manuscript generally well according to my comments.
Response: We thank the reviewer for this positive comment.

Reviewer 2:
The authors have addressed my questions. I don't have additional comments, except that the language should be improved throughly.

Here are several examples:

1) Line 4, Page 6: 'SNP polymorphisms' should be 'SNPs';

2) Line 6, Page 6, and Line 20, Page 10: 'leakage' should be 'linkage';

3) The gene names should be presented with italic fonts.
Response: We thank the reviewer for pointing out these errors. We have corrected them in the revised manuscript. We tried our best to improve the language throughout the manuscript.

Yours sincerely,

On behalf of my coauthors
Yong Wang Ph.D.