Author’s response to reviews

Title: Plasma metabolites and lipids associate with kidney function and kidney volume in hypertensive ADPKD patients early in the disease course

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Author’s response to reviews:

Editor Comments:

1. Textual overlap

We note that the current submission contains some textual overlap with other previously published works, in particular:

https://pubs.acs.org/doi/10.1021/acs.analchem.7b03404

This overlap mainly exists in the ‘Non-targeted lipidomics analysis’.

AND

https://www.nature.com/articles/s41467-018-05589-4

This overlap mainly exists in the ‘Non-targeted metabolomics analysis.’

While we understand that you may wish to express some of the same ideas contained in these publications, please be aware that we cannot condone the use of text from previously published work. Please rephrase these sections to minimise overlap.

RESPONSE: These are synopses of methods that are employed by the West Coast Metabolomics Center, the UC Davis core laboratory, who did the metabolomics analyses for this study. These paragraphs were given to us by that lab expressly for use in any publication in which their
services are provided. This is standard practice for this core lab. None of these methods represent any research, they are simply publically available methods, and they were put in the manuscript merely for the convenience of the readers. If you would prefer, we are happy to leave out these paragraphs and just cite the indicated papers.

2. TRN information

Please include the registry name, trial registration number (TRN) and date of registration as the last line of the manuscript Abstract. If your trial was registered retrospectively, please state so in the last line of the abstract.

RESPONSE: We have included this information as requested. We assume that the “date of registration” is the same as the “first posted” date on the clinicaltrials.gov website

3. Ethics approval and consent to participate

Please include an ‘Ethics approval and consent to participate’ section in the Declarations. Please include a statement on ethics approval and consent within this section. Please you may copy the relevant information from the Subject enrollment to this section, and please specify whether consent to participate was given verbally or in written format. If verbal consent was used please provide a reason why verbal consent to participate was used rather than written consent.

RESPONSE: We have provided the requested information in the Declarations section.

4. Consent for publication

Please also include a ‘Consent for publication’ subsection in the Declarations. If consent to publish is not applicable to your manuscript please write ‘Not Applicable’ in this section.

RESPONSE: We have provided the requested information in the Declarations section.

5. Authors’ contributions
Please note that based on the current authors’ contributions section, KK, JT, GG do not automatically qualify for authorship. Acquisition of funding, collection of data, writing of the manuscript or general supervision of the research group, alone, does not usually justify authorship.

An 'author' is generally considered to be someone who has made substantive intellectual contributions to a published study. According to the ICMJE guidelines, to qualify as an author one should have performed all 4 of the following points:

A. Made substantial contributions to conception and design, or acquisition of data, or analysis and interpretation of data; B. Been involved in drafting the manuscript or revising it critically for important intellectual content; C. Given final approval of the version to be published. Each author should have participated sufficiently in the work to take public responsibility for appropriate portions of the content; and D. Agreed to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

Please provide more information on individual author contributions and ensure author contributions listed in the authors’ contribution section are reflective of ICMJE guidelines.

RESPONSE: We have updated the authors’ contributions in the Declarations section.

6. Authorship change

As we note the first author has been changed in the editorial submission system since your original submission.

Please clarify the reason for this change and if you intend to change the authorship, please note in line with COPE guidelines, BMC requires written confirmation from all authors that they agree with any proposed changes in authorship of submitted manuscripts or published articles.

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All instructions can be found on the form, please treat the 'Current authorship' section as the original authorship. Please return the form within 14 days with all author signatures.
RESPONSE: We respectfully differ. While it appears that the corresponding author may have entered the authors' names in a different order in the manuscript submission site, the author order on all versions of the manuscript has not changed from the original submission.

7. Acknowledgements

Please include an ‘Acknowledgements’ subsection in the Declarations. Please only use this section to acknowledge anyone who contributed towards the article who does not meet the criteria for authorship including anyone who provided professional writing services or materials.

Authors should obtain permission to acknowledge from all those mentioned in the Acknowledgements section. If no acknowledgements are necessary then please state 'None'.

RESPONSE: We have provided the requested information in the Declarations section.

8. Funding

The role of the funding body in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript should be declared in this section.

RESPONSE: We have provided the requested information in the Declarations section.

9. List of abbreviations

As many abbreviations are used throughout the paper, we ask that you include a list of abbreviations (before the Declarations section) for reference and ease of reading. All abbreviations should still be defined in the text at first use.

RESPONSE: We have provided the requested information before the Declarations section.
10. Tables and Figures formatting

Please cite Table 1 before Table 2 in the main text of this manuscript. Please also note each figure of a manuscript should be submitted as a single file that fits on a single page in portrait format. Multi-panel figures (e.g. Figure 1a, 1b…) should be submitted as a single composite file that contains all parts of the figure.

RESPONSE: We have made the requested corrections, which necessitated us to add another figure (Figure 4) due to space limitations on slides.

11. Conclusions

Please add a Conclusions section to after the Discussion in the main text of this manuscript. This should state clearly the main conclusions and provide an explanation of the importance and relevance of the study reported.

RESPONSE: We have added this section.

12. Clean copy

On uploading your revisions, please remove any tracked changes or highlighting and include only a single clean copy of the manuscript. Please ensure that the track changes version is removed from the inventory.

RESPONSE: We submit a clean copy.