Author’s response to reviews

Title: Chronic Kidney Disease Alters Lipid Trafficking and Inflammatory Responses in Macrophages: Effects of Liver X Receptor Agonism

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Title: Chronic Kidney Disease Alters Lipid Trafficking and Inflammatory Responses in Macrophages: Effects of Liver X Receptor Agonism
Dear Dr. Henderson,

We are resubmitting the above manuscript which has been revised according to the comments of the Editor and Reviewers.

We would like to thank the Editor and the Reviewers for the careful evaluation of our manuscript. We have addressed the specific concerns raised by each of the Reviewers and the responses are detailed below. Changes in the revised manuscript are shown in red.

We hope that these modifications will make the paper acceptable for publication in BMC Nephrology.

Reviewer 3.

We thank Dr. Stangl for his comments. In terms of the influence of age, we have expanded our analysis to include separate proportional odds models to examine the association between efflux or cytokines and group with adjustment for age (Page 7). The results suggested that adjustment for age eliminated the statistical significance in efflux between groups whereas there were no effects on proinflammatory responses. We revised the results section accordingly (Pages 8 and 9) and included relevant statements in the discussion regarding these findings (Page 11).

We also reviewed our manuscript for any grammatical errors as suggested by the reviewer.