Reviewer's report

Title: Relation of Atherogenic Lipoproteins with Estimated Glomerular Filtration Rate Decline: A Longitudinal Study

Version: 2 Date: 7 March 2015

Reviewer: Corinne M. Spickett

Reviewer's report:

This is an interesting manuscript and the finding of longitudinal correlations between Lp(a) or apoC-III and eGFR supports the conclusion that these plasma lipoprotein changes may have a causal relationship with kidney dysfunction. This is useful as it suggests these lipoproteins may be valid therapeutic targets.

However, no primary data is included. I am sure the authors have carried out appropriate analytical and statistical analysis, but simply reporting the final associations does not seem to me to be sufficient. Without data submitted, it is not possible to answer the questions for referees:

3. Are the data sound?
4. Do the figures appear to be genuine, i.e. without evidence of manipulation?
5. Does the manuscript adhere to the relevant standards for reporting and data deposition?

Major Compulsory Revisions
Please include data (supplementary) to support the tables 2-4.

Minor Essential Revisions
Some graphical representations (ideally within the manuscript) of longitudinal changes and correlations would be beneficial.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
'I declare that I have no competing interests'