Reviewer’s report

Title: GlycA, a marker of protein glycosylation, is related to albuminuria and estimated glomerular filtration rate: the ELSA-Brasil study.

Version: 0 Date: 16 Mar 2017

Reviewer: Prasanna Kumar

Reviewer's report:

The manuscript with the topic of GlycA, as a new nuclear mass resonance (NMR) spectroscopy-derived biomarker of protein glycosylation, is related to albuminuria and estimated glomerular filtration rate provided a very interesting and clinically important in prospective study. The hypothesis framed is sure ingesting for the reader. The author had tried to explain the GlycA, as a new nuclear mass resonance (NMR) spectroscopy-derived biomarker and showed there is the association of GlycA with albuminuria and eGFR in the ELSA-Brasil Study. The study is clear with hypothesis, methodology and statistical analysis supporting the results and thus the discussion. The only minor correction is the units mentioned while defining microalbuminuria and macroalbuminuria should be microgram albumin per milligram creatinine instead of 'microalbuminuria as ≥30 mg/g creatinine and macroalbuminuria as ≥300 mg/g creatinine'.

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

Yes

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

Yes

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

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?  
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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