Reviewer's report

Title: High levels of mannose-binding lectin are associated with lower pulse wave velocity in uraemic patients

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Reviewer: Vittoria Esposito

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The manuscript by evaluate a potential impact of MBL on vascular parameters in uraemic patients.

Major limitations
It is well known that factors such as calcium and phosphorus homeostasis, hypertension and inflammation might be responsible for alterations of vascular tissue in patients affected by ESRD yet in the study no mention is given to some very relevant data:

There is no mention to calcium phosphate and PTH values that could be of help and could have a significant influence on vascular elasticity.

No hint is given on the characteristics of the population in terms of comorbidities amount of antihypertensive drugs taken or in terms of the percentage of patients using peritoneal versus hemodialysis or the percentage of patients on hemodialysis having a fistula rather than a central venous catheter as a vascular access.

Also no data is given regarding efficiency of depuration which may have a great influence on vasculature and inflammation, furthermore authors don’t even mention the number of patients on hemodialysis rather than on peritoneal dialysis and give no information on the type of hemodialysis rather than peritoneal dialysis used.

Authors conclude that high levels of MBL are associated with lower PWV in a cohort of patients with ESRD awaiting kidney transplantation suggesting a beneficial role of high levels of MBL on arterial stiffness in uraemia, however unless we have better information regarding other possible confounding factors this conclusion lacks part of its strength.

Minor observations
Check for spelling errors ie antico-agulation

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the
statistics.

**Declaration of competing interests:**

I declare that I have no competing interests