Author’s response to reviews

Title: Lean Body Mass: The Development and Validation of Prediction Equations

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To: The Editor  
BMC Pharmacology and Toxicology

**Re: Lean Body Mass: The Development and Validation of Prediction Equations**

On behalf of the team, this manuscript is being submitted for consideration by the BMC Pharmacology and Toxicology. This paper describes the novel prediction equations for lean body mass that may contribute to safer or more effective drug prescribing, especially in older people where there is a loss of lean mass with increasing age. This PEs may have application within the oncology setting given emerging evidence that drug dosing must take into account lean mass. As always drug toxicity is more likely in older patients. This is a brief report of some early work by our research team.

This research study is the original work. It has not been and will not be published, in whole, or in part, in any other journal. All authors have agreed to the contents of the manuscript in its submitted form.

Solomon Yu received scholarship from University of Adelaide, Faculty of Health Sciences, Divisional Scholarship to support his PhD studies; Renuka Visvanathan received research grants from: i) University of Adelaide, Faculty of Health Sciences, Establishment Grant; ii) University of Adelaide, Faculty of Health Sciences, Early Career Grant; iii) Vincent Fairfax Family Foundation Research Fellowship through the Royal Australasian College of Physicians; iv) Bernie Lewis Foundation Grant through the Hospital Research Foundation; RVIs a member of the Nestle Nutrition Australia Malnutrition In The Elderly Board and receives a honorarium for this activity. She has previously also been a member of Mini Nutritional Assessment (MNA) International Group to refine the MNA and more recently attended the International Consensus Meeting On Protein Intake In The Elderly and both meetings were undertaken independently but supported by an educational grant from Nestle Pty Ltd. She has no other relationships or activities that could appear to have influenced the submitted work.
It is our hope that publication in BMC Pharmacology and Toxicology may result in future studies that will result in better health outcomes for older people.

I am affiliated with the University of Adelaide and noted that the university is the supporting member of BMC Pharmacology and Toxicology. I am happy to pay the remaining 30% of processing fee should the article be accepted by the journal.

Looking forward to a positive response.

Thank you.

Yours,

Solomon