Reviewer’s report

Title: Dose and Time Responses of Vitamin D Biomarkers to Monthly Vitamin D3 Supplementation in Overweight/Obese African Americans with Vitamin D Deficiency: A Placebo Controlled Randomized Clinical Trial

Version: 1 Date: 11 June 2014

Reviewer: Bruce Hollis

Reviewer’s report:

This small RCT deals with bolus (monthly) dosing of vitamin D on both endocrine (PTH) and paracrine (FGF-23) pathways for vitamin D. This dosing schedule may well account for the lack of effect observed on FGF-23. This point should be thoroughly discussed in light of a recent publication by Hollis and Wagner 2013 JCEM 98 4619, which deals with this topic.

Quality of written English: Acceptable

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.