Reviewer's report

**Title:** Diurnal variation of phenylalanine and tyrosine concentrations in adult patients with phenylketonuria: Subcutaneous microdialysis is no adequate tool for the determination of amino acid concentrations.

**Version:** 1  **Date:** 2 March 2013

**Reviewer:** Denise M Ney

**Reviewer's report:**

Discretionary Revisions
1. Fig 2, suggest add meals and exercise to the X axis to improve clarity regarding the study design.
2. Fig 3, it hard to distinguish between phe and the Phe/Tyr ratio. Suggest make one of the boxes white or hatched. Also, the figure is not clear without reading the legend; suggest modify y axis to state "percentage of serum concentration".

**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.