Reviewer’s report

Title: Role of metabolically active hormones in the insulin resistance associated with short-term glucocorticoid treatment

Version: 1 Date: 3 July 2006

Reviewer number: 1

Reviewer’s report:

The MS by Patel and al. reports the effects of short term treatment with oral dexamethasone on several metabolically active hormones. Although this treatment was effective in significantly increase insulin resistance, no modification on TNFalpha, ghrelin, leptin and adiponectin was observed. The Authors conclude that acute GC-mediated insulin resistance does not result from major changes in these hormones, contrary to Authors hypothesis.
Since the required condition is that Dexa was effective in increasing insulin resistance, this should be clearly indicated in Table 1.

What next?: Accept after discretionary revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.