Reviewer’s report

Title: Alterations of Leptin in the Course of Inflammation and Severe Sepsis

Version: 1 Date: 18 February 2012

Reviewer: Andreas Hillenbrand

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Major Compulsory Revisions:
What is DAA; should be explained in introduction. Who made it available for cell culture? Is there anything in literature regarding DAA and cell culture?
Why was TNF alpha chosen for "inflammatory model" for cell culture?
Is there a benefit for patients with up regulated Leptin levels, although leptin is said to be positively correlated with APACHE II score, WBC and IL-6?
Have the in vitro experiments been repeated with the same result?

Level of interest: An article whose findings are important to those with closely related research interests

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.