Reviewer's report

Title: Etiological classification of depression based on the enzymes of tryptophan metabolism

Version: 7 Date: 28 October 2014

Reviewer: Olli Kampman

Reviewer's report:

Major Compulsory Revisions
The paper has markedly improved. However, in the background section (and also in the abstract) there is still need for further explaining in a few sentences the known biological mechanisms involving the genetic susceptibility and current stressful life events at onset of depression. It is crucial to describe the function of HPA axis in this context and to differentiate between first episode depression and recurring depression in the sense of "reactive" and "endogenous". This is important, as both the mechanisms of onset and treatment outcomes are different among first episode and recurring patients. A good perspective on this difference has been given in the following review: Maletic V et al. Neurobiology of depression: an integrated view of key findings. Int J Clin Pract. 2007 Dec;61(12):2030-40.

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.

Declaration of competing interests:
I declare that I have no competing interests