Reviewer's report

Title: A combination of Ascorbic acid and Alpha-tocopherol to test the effectiveness and safety in the Fragile X syndrome: study protocol for a phase II randomized placebo-controlled trial.

Version: 3  Date: 7 June 2014

Reviewer: Maija Castren

Reviewer's report:

The revised version of the manuscript is highly improved. The references include now human studies and the on-going trial are well discussed as well as summarized in Table 1.

I would like to ask that minor revisions will be made
- notice #10 refers mouse studies
- carnitine references in Discussion missing
- In abstract the first sentence should be rewritten (two sentences) in order to introduce the phenotype of fragile X syndrome better

Level of interest: An article of outstanding merit and interest in its field

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.