Reviewer's report

**Title:** Early stage transplantation of bone marrow cells markedly ameliorates copper metabolism and liver function in Wilson disease mice

**Version:** 2  **Date:** 31 December 2010

**Reviewer:** Nicole Buck

**Reviewer's report:**

They have added some new data to the manuscript, however they were obviously unable to do more experimental work to complete the project. The authors have however done a significant amount of work which is scientifically sound, but are missing some controls which they plan on rectifying in future experiments. Some of the conclusions are broad and do not take into account non-hepatic sites.

The methods section is now more descriptive, however could the authors add the details of the DNA extraction kit?

My major concern is still the statistical analysis. They have overlapping error bars; however they claim the results are significantly different.

The English is also still a major problem.

For example,

1. The Abstract background section (second sentence) makes no sense to me.
2. Orthotropic should be orthotopic (spelling)
3. "BM cells" abbreviation should be checked for context to correct the use of "cell" or "cells"
4. Ref #14 should be Allen not Allan.

etc

**Level of interest:** An article of limited interest

**Quality of written English:** Needs some language corrections before being published

**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