Reviewer’s report

**Title:** Neuroprotective effects of Psoralea corylifolia Linn seed extracts on mitochondrial dysfunction induced by 3-nitropropionic acid

**Version:** 2  **Date:** 18 July 2014

**Reviewer:** Sangmi Han

**Reviewer’s report:**

Major compulsory revisions
- Need to explain in detail prep of P. corylifolia
- Yield of extracts?
- Need to discuss substance of P. corylifolia seed which have neuroprotective effects
- Images of figure 3 and 4, treatment of 50 ug/ml both PCWE and PCEE seems to be not effective compared to 10 and 100 ug/ml. Need to discuss

Minor Essential Revisions
- Write plantaion of the P. corylifolia
- Correct the notation of materials (company, state, country)
- Write PC12 cells where to get or purchase.
- At Figure 1, missing the unit of treatment

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

**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:**

N/A