Reviewer's report

Title: Neurite outgrowth stimulatory effects of culinary-medicinal mushrooms and their toxicity assessment using differentiating Neuro-2a and embryonic fibroblast BALB/3T3

Version: 1 Date: 11 May 2013

Reviewer: T B Ng

Reviewer's report:

Major Compulsory Revisions are required before the manuscript can be reconsidered.
Please provide evidence that the extracts can cross the blood brain barrier
Obtain polysaccharide enriched or triterpenoid enriched preparations of the mushrooms and demonstrate that they are active.

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.