Reviewer's report

Title: Tuscan black kale sprout extract bioactivated with myrosinase: a novel natural product for neuroprotection by inflammatory and oxidative response during cerebral ischemia/reperfusion injury in rat

Version: 2  Date: 26 August 2015

Reviewer: maliheh soodi

Reviewer's report:

Major Compulsory Revisions
1. Why were some markers studied in only cerebellum and others in both for example expression of iNOS was investigated in the brain but nitrotyrosine was measured in cerebellum. for Nrf, ERK1/2 and p53 the target tissue was not determined.
2. Why the effect of bioactive TBK-SE was not compared with glucoraphanin alone to clarify possible differences

Minor Essential Revisions:
In fig 7 it is better bcl2/bax ratio was compared between groups.

Level of interest: An article of outstanding merit and interest 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