Reviewer's report

Title: Red ginseng abrogates oxidative stress as mediated with mitochondria protection via LKB1-AMPK pathway

Version: 1 Date: 17 November 2012

Reviewer: Funda Nuray Yalcin

Reviewer's report:

This is a well designed and written article. There are only minor essential revisions authors should carry out before its published. Listed as below

1-Background should be shortened, its not necessary to give that much information especially in first two paragraphs

2-Page 5: First paragraph:...... 2',7'-dichlorofluorescein diacetate 2',7' should be added from symbols. there is an error in the word.... anti- -actin

3-Page 8: Last paragraph, Next,........... sentence should change to Next, whether AA4...............mitochondria was determined

4. Page 9: Last paragraph, last sentence ...........RGE actives AMPK.... should be corrected as RGE activates........

5. Page 10-11: Too much details were given on examples in discussion (about resveratrol, sauchinone etc). Authors could name the examples but generalise and shortened the explanation.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.