Reviewer's report

Title: Isolation of methyl gamma linolenate from Spirulina platensis using flash chromatography and its cytotoxic activity

Version: 3 Date: 25 April 2015

Reviewer: Angela Malheiros

Reviewer's report:

The manuscript needs revisions as presented below:

1. Background
Line 68 and 72 - The references 1 and 2 needs to be changed because in the literature there are more recent references with this subject.

Lines 74-77 – It is necessary put other references about the technical to producing gama linolenic acid and ester

2. Methods (important)
Item 2.4 Lines 198 – 200 Date 13C NMR present to carbons are wrong to any carbons. These must be corrected

3. Results and discussion
Explain better how the quantified by HPTLC was realized Compare the yield Obtained with other methods. Explore the use of rutin as standard drug to cytotoxicity.

figure 1 is not necessary. It is only a photography of the equipment, remove it.

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.

Declaration of competing interests:
I declare that I have no competing interests