Reviewer's report

Title: Pharmacological studies on gut modulatory and bronchodilator activities of Amaranthus spinosus Linn.

Version: 1 Date: 14 April 2012

Reviewer: Gabriel Agbor

Reviewer's report:

Manuscript is well written with few corrections to be made.

Minor corrections
Page 7: Laxative activity
-All five groups..........18? Is it seconds, minutes, hours or days?

Page 13
-1st line: K+-and and?
Page 13 Effect on guinea pig atria
-Last but one line: anarespectively?

Discussion page 18
-Last paragraph: Check the spelling of Amaranthus

Major corrections
General: The abbreviation As. Cr for Amaranthus spinosis crud extract is not representative, it is instead confusing because author use both in the same paragraph. I suggest authors should avoid using the abbreviation.

Page 11: Laxative effect
-Range of 100-300 mg/kg. Since there are only two doses it should be better written as dose level of 100 and 300 mg/kg.

-Number of stool counted is presented. But the authors need to mention what the quality of stool was (were the stool watery or solid; did the authors weigh the paper before and after the laxative experiment because watery stool will weigh more and this can give the degree of wetness of the stool).

Figures
- Lack of tiles making it difficult to know which of them is figure1, 2.... etc. Authors should include titles to each figure.

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.

Declaration of competing interests:

I declare that I have no competing interests