Reviewer's report

Title: Anthelmintic and relaxant activity of Verbascum thapsus Mullein.

Version: 1 Date: 22 August 2011

Reviewer: Richard Cimanga Kanyanga

Reviewer's report:

Comments for authors

Background: It is important do report it in the form of an abstract with a title Abstract and not as it is reported now. This need to be modified.

Page 1. L1: write Scrophulariaceae instead of scrophulariaceae

L3-4: need to be rewritten as: Plants of this genus are rich in biologically active compounds which support their widely use in folk medicine. As it is written, it seems that active compounds of these plants species ares used as medicines in folk medicine and this seems to be wrong.

Page 2. L6. Traditionally.............. write Verbascum species

Page 3. It? Which plant part it replaces? Or it concerns the whole plant? There is a confusion with the first sentence indicating leaves, flowers and roots. I wondered if it is not better to write they....?

Page 4. L1 and L9: write abdominal pains instead of abdominal pain

Experiments: L8: What is the volume of methanol used for maceration? For which time?

L9: What is the solvent used to dilute the methanol extract? I think that this is not correct to write the dilute extract, and then I suggest to delete dilute since the native extract was not diluted before evaporation

Page 5. L1-L3: write ....antheminthic....spinalis identified by veterinary practionner and zoologist as the worm Ascaridia galli

Page 6. L2: give exactly the size of the test worm Effect of spataneous rabbit

L1: give the number and mean weight of rabbits used in this experiment L2. Which physiological solution was in bath containing rabbit's jejenum?

In general all pharmacological procedures reported are not concisely and clearly described and this need to be carrefuly revised and rewritten in ore details to give to others scientists the possobility the repeat these pharmacological experiments. This is a big problem in this present manuscript.

Page 9: What is the nature of the response given by rabbit's jejum in contact with which agonist?
Give also the composition of both Tyrode’s solutions?

Results and discussion
In general good, but although the statistic was performed, there is no statistical data (p values) used in this section to discuss results, to see if these are significant or not. Don’t forgot that your investigation is a pharmacological study and always need the use of p values for discussion. The missing of statistical data in this investigation is also a big problem and need be revised. The p values must be calculated and included.

Conclusion
L2: write ...pains instead pain

References
Reference 3: pages?
Reference 5: No of the journal?
Reference 6: volume and No of the journal?
Reference 11: write...Ethnopharmacol. instead of Ethnopharmacol, Reference 11, 12, 13, 20, 22, 13 and 24: No of the journal?

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.