Reviewer’s report

Title: Assessment of the medicinal potentials of the methanol extracts of the leaves and stems of Buddleja saligna.

Version: 1 Date: 16 March 2009

Reviewer: Victor Kuete

Reviewer’s report:

The paper is well written, but the methodologies are not well conducted.

For Bioassay: The Agar dilution method used by authors is not appropriate for such studies. I propose that authors should repeat the antimicrobial assay using broth dilution that is more adequate to investigate the activities on microorganisms implicated in systemic diseases. Also the use of two reference drugs is not justified. I propose that they should use only one and determined the real MICs instead of giving approximated values.

For antioxidant: The antioxidant assays should be determined as dose-effect for both ABTS, DPPH, and FRAP methods. All these assays should be re-done at different extract concentration in order to illustrate clearly their dose-activity potency.

Minor observations:

[23.] check journal abbreviation
[30.] Check the right spelling for author “Ordoñez” not “Ordon Ez”

Level of interest: An article of insufficient interest to warrant publication in a scientific/medical journal

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests