Reviewer's report

Title: Cytotoxicity of Selected Cameroonian Medicinal Plant and Nauclea pobeguinii Towards Multi-Factorial Drug-Resistant Cancer Cells

Version: 2
Date: 25 March 2015

Reviewer: I. Darren Grice

Reviewer's report:

- "Minor essential issues not for publication"

I believe that all the suggestions made here are important (although minor) for the manuscript to be coherent and sound. The authors could correct/alter these. I do not feel that these should be published with the manuscript – as really they are all of a minor nature, but still very important to the quality of the manuscript. Without these issues addressed the paper would reflect poorly on the work. The work itself appears to be sound and worthy of publication.

Minor Essential Revisions- not for publication

1. Abstract: requires some corrections, inclusions, rewriting of sentences (as indicated in attached scanned pdf document). For example the conclusions paragraph needs to be rewritten to include some specific conclusions on the Cameroonian plants studied (apart from Nauclea pobeguinii).

3. Introduction: requires some corrections, plus mention of Table 1- that apparently relates to this information. (see attached scanned document for comments).

4. Methods: again some typos and inclusions to address (as indicated in attached document). Of particular note is that a sub-section on the structural characterisation of the isolated compounds should be included here (eg, MS, NMR). Some of this information has been placed in the Results and discussion section - this should be removed to the methods section.

5. Results and discussion: there are numerous corrections, typos, clarifications required throughout this section (as indicated in attached document). Most of these will help to make the section more readily understood. The authors need to include a comment on the findings for the Cameroonian plants other than Nauclea pobeguinii in their final conclusion (the Cameroonian medicinal plants are featured in the title, but overlooked in the final part of the results and discussion).
References: some attention to the journal format for the listed references is required (as indicated in attached document).
Table 1: a few very minor typos to be addressed.
Table 2: a few very minor typos to be addressed.
Figure 1: in structure 3, there are atom labels/bonds that are on top of each other.
The sugars in structures 5 and 6 should be presented in a consistent presentation. In the caption Fig.1. should be I believe Figure 1. In the name of compound 5, the ‘resveratrol b-D-glucopyranoside’, should be ‘resveratrol #-D-glucopyranoside’.
Figure 2: Fig.2. should be Figure 2. Caption makes mention of compounds (presumably 1-6 from Nauclea pobeguinii) in the cell assay. But there are no results for these in the figure?? Pobeguiinii should also be Pobeguinii in the figure caption.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Needs some language corrections before being published

**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'.