



# WPI

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September 2, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 12187-review.doc).

**Title:** Dried-leaf *Artemisia annua*: a practical malaria therapeutic for developing countries?

**Authors:** Pamela Weathers, Melissa Towler, Ahmed Hassanali, Pierre Lutgen, Patrick Ogwang Engeu

**Name of Journal:** *World Journal of Pharmacology*

**ESPS Manuscript NO:** 12187

The manuscript has been improved according to the suggestions of reviewers:

Reviewer **02446011**:

The authors of the present review are clearly experts in the topic. As a consequence the article is well written and detailed. Further improvements required:

1) The acronym “pACT” should stand only for “plant-based artemisinin combination therapy” as specified in the paragraph “Introduction”. It doesn’t look appropriate after “dried leaves” as in the title, abstract or core tip paragraph without a straightforward explanation. Moreover, you should use the other acronyms (e.g. AUC or T1/2) without superfluous explanations.

We made the changes as suggested.

2) You could refine Table 1 dividing compounds endowed with antimalarial properties according to their chemical entity (e.g. flavonoids, terpenes, phenolic acids, etc. ...).

Although it made the table larger, we revised the Table per the reviewer’s recommendation.

3) It would be nice to report the chemical structure and the proposed mechanism of antiplasmodial activity for the non-artemisinin compounds within each specific paragraph.

Per the reviewer’s request, we added the chemical structural name for the main nonartemisinin compounds that were discussed. We assumed based on the way the reviewer worded his request, this is what the reviewer wanted and not structural images. If images were the intended request, please let us know and we could revise Figure 1 to include at least general structural images. All of the discussed compounds have structural images that are readily available on the web. Also, in our original submission we had already cited and included within each paragraph the antiplasmodial mechanism of action as currently known for the discussed compounds. To our knowledge, what we provided is the extent of the current knowledge on those compounds.

We also superscripted all of the reference brackets per Editor comment; for visual clarity these are not shown as tracked changes. All other changes are shown as tracked changes.

Thank you again for publishing our manuscript in the *World Journal of Pharmacology*.

Sincerely yours,

A handwritten signature in blue ink, reading "Pamela J. Weathers". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

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