Author’s response to reviews

Title: Cytotoxicity and antimalarial activity of phenolic derivatives from Albizia zygia (DC.) J.F. Macbr. (Mimosaceae)

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Version: 3 Date: 23 Oct 2019

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Manuscript ID BCAM-D-18-01745

Editor Comments: We have noticed there is a significant amount of text overlap between your manuscript and previously published papers. Please edit the text throughout to reduce the similarity with these papers. We realize that some overlap is unavoidable, especially in the Methods and descriptions of the standard instrument, but please ensure that the manuscript is written in your own words as much as is possible, even when citing.

Answer: Thanks, several modifications have been applied throughout the manuscript. A plagiarism program has been used to ensure that our contribution is unique. The modified texts are in blue in the revised draft.

Reviewer reports: Anna Caroline Campos Aguiar (Reviewer 2)

It is very important to compare if the process of acetylation of phenolic compounds, besides improving the activity can interfere in the toxicity of the compounds, reducing or not the
selectivity index (IC50 HepG2 cel / IC50 P. falciparum). Therefore, I suggest that the authors calculate the selectivity index for the compounds and include the data in the results, as well as an appropriate discussion for these data. The selectivity index can be calculated based on the IC50 for any cell. I suggest that the authors use HepG2 cells to calculate IS.

Answer: Thanks, the selectivity index has been included (Table 1) and comment has been introduced as well (Highlighted in yellow).