Reviewer's report

Title: Vellozia flavicans Mart. ex Schult. hydroalcoholic extract inhibits the neuromuscular blockade-induced by Bothrops jararacussu venom

Version: 2 Date: 2 August 2013

Reviewer: Maria Alice Cruz-Hofling

Reviewer's report:

Major compulsory revisions

1- At page 3 (bottom) the authors wrote that “the Bothrops jararacussu venom was chosen because it causes inflammation at the bite site, differently of Crotalus genus....”

This is very interesting. Explain why bites by Crotalus genus did not cause inflammation and insert a reference.

2- Conclusion:

Since envenomation by B. jararacussu snake does not cause neuromuscular paralysis, clarify better the practical importance of V. flavicans leaves extract as an antiophidian compound. In addition, the statement that V. flavicans leaves extract is potentially promising as an antiophidian compound seems to be a simplification in relation to a great diversity of venom types. Since only the venom of B. jararacussu was tested the generalization should be avoided.

Minor Essential revisions

The weakness in the use of English language persisted in some parts of the manuscript.

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.