Reviewer’s report

Title: Harpalycin 2 inhibits the enzymatic and platelet aggregation activities of PrTX-III, a D49 phospholipase A2 from Bothrops pirajai venom.

Version: 2 Date: 18 June 2012

Reviewer: Sarada D Tetali

Reviewer’s report:

Major Compulsory Revisions

1. Provide original data on phytochemical analysis of harpalycin 2
2. Provide information on % yield for HP and sPLA2
3. Platelet aggregation studies: Provide data with reference compound (Thrombin as indicated by authors) on % platelet aggregation

Minor Essential Revisions

1. Although authors have published earlier, they should mention the principle of the strategy in purifying specifically PrTX-III: D49 phospholipase A2 from other sPLA2s of venom.
2. Typographical error: Methods section: Aggregation experiments were performed with 10 µg of PrTX-III, it is supposed to be PrTX-III.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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