Reviewer's report

Title: Anti-diabetic potential and antioxidant activities of traditional medicinal plants

Version: 2 Date: 9 January 2012

Reviewer: Savarimuthu Ignacimuthu

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- Major Compulsory Revisions
Title:
• The authors have claimed the antidiabetic potential of the extracts merely by studying some simple in vitro assays. Thus, the name of the topic and their claims in the text should be rephrased.
Methods:
• The authors have selected seven Australian medicinal plants, for this study. The ethnopharmacological relevance for selecting these plants for this study is not mentioned. Likewise, there are number of articles published on the antidiabetic efficacies of B. diffusa, E. jambolana and P. marsupium. The authors should mention the reason for selecting these plants.
• Voucher specimen numbers have not been mentioned.
• Estimating DPPH scavenging Ferric ion reducing abilities of the extracts is only a preliminary step. Thus, the authors should include some advanced assays such as ABTS, etc.
• There are some typographical errors that have to be rectified (For eg: Prism Graphpad prism)
Discussion:
• The discussion part contains many general comments, and describing these general facts is not needed, for the MS.
Tables:
• Tables 3 and 4 are not necessary.
• Tables 1-2 and 5-6 can be merged.

Level of interest: An article of limited interest

Quality of written English: Not suitable for publication unless extensively edited

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.
Declaration of competing interests:

I declare that I have no competing interests