Reviewer's report

Title: In Vitro Anti-proliferative Activity of Argemone gracilenta and Identification of Some Active Components

Version: 2 Date: 20 July 2014

Reviewer: Jiang Hu

Reviewer's report:

Dear editor and author,

This manuscript described an evaluation of the anti-proliferative activity of the methanol extract, and its fractions of Argemone gracilenta and the identification of the most active fractions that displayed anti-proliferative activity. However, the literatures related to the chemical composition should be cited, such as ‘Schwarzbach et al., Plant Systematics and Evolution, 1999, 218(3-4), 257-279; Stermitz et al., Journal of Organic Chemistry (1969), 34(3), 555-9.’, furthermore, both the structure and the biological activity of the compounds were not interesting enough. Overall, this manuscript seems not bring enough knowledge or innovation, I would not recommend its acceptance for "BMC Complementary and Alternative Medicine".

With my best regards.

Your sincerely

Jiang Hu, Ph.D.

Level of interest: An article of insufficient interest to warrant publication in a scientific/medical journal

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.

Declaration of competing interests:

My answers to the all above questions are "negative".