Reviewer's report

Title: Evaluation of wound healing activity of Allamanda cathartica L and Laurus nobilis L extracts on rats

Version: 2 Date: 8 February 2006

Reviewer: Suguna Lonchin

Reviewer's report:

General
The paper may be accepted after revision.
The authors are requested to clarify the following doubts:

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)
1. In the excision wound, width of the wound is not mentioned. Then only it is possible to relate the size of the wound with the contraction rate and epithelialization.

2. Why is the histology of the standard reference not given?

3. It is mentioned in the incision wound that the extracts were applied till complete healing. In the next sentence, it is mentioned that the sutures were removed on 8th day and breaking strength was measured on 10th day. This is confusing. Explain.

4. For histological study, tissues of the 11th day incision was used. How is it possible since animals were sacrificed on 10th day itself. Explain.

5. It is mentioned that flavanoids are known to reduce lipid peroxidation not only by preventing or slowing the onset of cell necrosis but also by improving vascularity. References may be included for this.

6. It is not clear how they measure the wound area in incision wound. As they have mentioned in the text that the incision was closed by sutures, how is it possible to measure wound area?

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)
1. In page 2, in Methods, bay leaf is mentioned. Is it Laurus nobilis?

2. In methods, page 2, line 8, Laurus nobilis, I should be capitalized.

3. Description of the plants is not necessary.

4. In page 8, para 2, line 3, Allamanda should be italicized and capitalized.

5. In page 8, para 3, line 3, Laurus nobilis should be italicized.

In page 9, Vernonia arboreae and Pentas lanceolata should be italicized.
Discretionary Revisions (which the author can choose to ignore)

**What next?:** Unable to decide on acceptance or rejection until the authors have responded to the major compulsory revisions