Reviewer's report

Title: Hair promoting activity of Thuja orientalis extract

Version: 1 Date: 2 July 2012

Reviewer: Sandhya S

Reviewer's report:

Major compulsory revisions
1. In the year 2004, Young Jun Kim et al, had proved the hair growth promoting activity of T.orientalis in DBA1 J mice model; then what made you repeat it in different model?

Minor Essential Revisions
1. Please mention the nature of extract used (aqueous, alcoholic etc) in the abstract. What do you want to convey through this sentence mentioned in the background of the study: Thuja orientalis has been traditionally used to prevent or promote hair growth in the oriental medicine.
2. What was method of extraction adopted for extracting the active principles form the leaves of the plant?
3. Did you perform any preliminary chemical screening for the identification of chemical nature of the bioactive components in you plant extract?
4. On what basis have you calculated the dose as 5.05mg/cm2/day?
5. Why did you measure the hair only on 14th and 21st days?
6. Was there any change in hair length, when you consider this parameter before and after the experiment?
7. Typographical errors should be taken care.
8. In the sub heading: Background- correct the sentence “A number of patients suffering from hair loss or alopecia are dramatically increasing [3] and [4]”.
9. Why didn’t you perform the T.S of Immunohistochemistry analysis?

Discretionary Revisions
1. Did the animals treated with minoxidil show any change in #-catenin and Shh proteins level?

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

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