Reviewer's report

**Title:** CD1a expression in psoriatic skin following treatment with propylthiouracil, an antithyroid thioureylene

**Authors:**

Dr Alan N Elias (anelias@uci.edu)
Vandana S Nanda (vsnanda@uci.edu)
Ronald J Barr (rjbarr@uci.edu)

**Version:** 1  **Date:** 23 Jun 2003

**Reviewer:** Serap Utas

**Level of interest:** A paper of considerable general medical or scientific interest

**Advice on publication:** Other (see below)

I reviewed the article named as "CD1a Expression in Psoriatic Skin Following Treatment with Propylthiouracil, an Antithyroid Thiourylene".

The aim of the study is to determine the effect mechanism of propylthiouracil treatment of patients with plaque psoriasis. The plan and the design of the study are well-determined and the point of view of the authors are interesting. Generally, the study is very well except the fact that the number of patients used for the study is not adequate for proving the results of the study. Because of this reason, I believe that it is suitable if this study is published as a letter/short communication or a preliminary report.

It is shown in various studies that propylthiouracil is effective on plaque psoriasis, but certain effect mechanism of the drug is not yet determined. Due to that reason, the controlled studies performed to examine the effect of propylthiouracil treatment on patients with psoriasis that are based on more patients are needed.

**Competing interests:**

None declared.