Reviewer's report

Title: Meta-analysis derived atopic dermatitis (MADAD) transcriptome confirms core AD characteristics and presents novel pathogenic insights

Version: 1  Date: 5 May 2015

Reviewer: Miroslav Blumenberg

Reviewer's report:

In this manuscript a metaanalysis of eczema transcriptional profiles was performed. This is an outstanding contribution to the field.

There are a few minor corrections needed, including a careful re-reading of the manuscript:

1) Fig. 1A, while colorful, does not belong to the main text, but in the supplement. A simple statement that only 25 genes were common to the 4 studies will suffice.

2) p.11 line 218 KRT 16 should be KRT16.

3) 'lipid genes' should be 'lipid metabolism genes'

4) 'S. aureus' should be italicized.

5) Legends for Fig 1B and C are inverted.

6) Legend for Fig 1B is missing (or C).

7) In fig 3C a representation of the 19 genes in this metaanalysis, comparing it to the 4 individual analyses, would be illustrative.

8) In Supplement 12 'Molecules" should be 'Genes'

9) Column widths in supplement tables should be congruent.

10) Table numbers in the supplement seem random.