Author’s response to reviews

Title: Elucidating mechanistic insights into drug action for atopic dermatitis: a systems biology approach

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Author’s response to reviews:

Dear Dr. Amy Branch-Hollis,

We thank you and the reviewers for taking time to evaluate our manuscript titled “Elucidating mechanistic insights into drug action for atopic dermatitis: a systems biology approach”.

We went through the comments from you and the reviewers on this manuscript, and have addressed them in the revised manuscript being submitted. Below, we provide details of the comments and the revisions made in the manuscript to address them.

Editor Comments

Comment-1.1 to the Author:

1. At this stage, please upload your manuscript as a single, final, clean version that does not contain any tracked changes, comments, highlights, strikethroughs or text in different colours. All relevant tables/figures/additional files should also be clean versions. Figures (and additional files) should remain uploaded as separate files.

Response from authors:

We have revised the manuscript and the figures as per above suggestion and the guidelines provided on journal website. Tables 1 and 3 are larger than one A4 or letter page in length, and thus, are placed at the end of the document text file as per journal guidelines (https://bmcdermatol.biomedcentral.com/submission-guidelines/preparing-your-manuscript#preparing+tables). We have also placed the titles of Tables 1 and 3 in the manuscript text to indicate their relevant locations in the manuscript.
Reviewer 1

Comment-1.1 to the Author:

The reviewer think it is advisable to clarify that the conclusions derived here are based on the data from 10 AD patients. Testing the observations with a larger data is an important future step.

Response from authors:

Thank you for this suggestion. We have revised the “Conclusion” section (page 19 lines 404-406) of the manuscript to address this.

Comment-1.2 to the Author:

As this paper will be read by a wide audience, it will help to explain the meaning of the definition of p (line 138).

Response from authors:

We have revised the section titled “Pathway enrichment analysis using eSkIN” under “Methods” (page 7 lines 143-146) of the manuscript by adding more details on p-value and its significance.

With the suggestions from you and reviewers incorporated in the revised manuscript, we hope that the manuscript would be suitable for publication in BMC Dermatology. If there are any further suggestions, we would be happy to address them.

Sincerely,

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