



### REVIEWER'S REPORT

Manuscript No.: IJAR-50293

Date: 16/2/2025

**Title:**

**Recent Advances in Immunogenetics and Skin Barrier Mechanisms in Psoriasis: An Integrated Review of Transdermal Delivery Systems**

**Recommendation:**

Accept as it is .....  
Accept after minor revision...✓  
.....  
Accept after major revision .....

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality		Good		
Clarity	Excellent			
Significance	Excellent			

Reviewer Name: Dr.Sumathi

Date: 16/2/2025

**Reviewer's Comment for Publication.**

*(To be published with the manuscript in the journal)*

*The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.*

Cytokines nothing but a type of protein that is made by certain immune and non-immune cells and has an effect on the immune system. Some cytokines stimulate the immune system and others slow it down. They can also be made in the laboratory and used to help the body fight cancer, infections, and other diseases.

### *Detailed Reviewer's Report*

- 1. Psoriasis is a chronic autoimmune skin condition characterized by the overproduction of skin cells, leading to the formation of raised, red, scaly patches on the skin.**

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- 2. These plaques can appear on various body parts, including the elbows, knees, scalp, and nails. Psoriasis is not contagious and is thought to be caused by a combination of genetic and environmental factors.**
- 3. Inflammatory skin disease are a group of conditions that cause inflammation of the skin. They can manifest with various symptoms, including redness, swelling, itching, pain and changes in skin texture.**
- 4. Skin barrier refers to the outermost layer of the skin, known as the stratum corneum. It acts as a protective shield, shielding the underlying layers from external factors .**
- 5. Cytokines are small proteins secreted by immune and other cells that act as signaling molecules to regulate immune responses and other cellular processes.**
- 6. Transdermal is a route of administration wherein active ingredients are delivered across the skin for systemic distribution. Examples include transdermal patches used for medicine delivery.**
- 7. The drug is administered in the form of a patch or ointment that delivers the drug into the circulation for systemic effect.**
- 8. This research is medically valued and significant research. Seems like only theoretical review given. Can be continued to Invivo research.**
- 9. Pictures and fow charts are Excellent!.**
- 10. Review of informations are good and sufficient.**
- 11. Summary parts can be included.**
- 12. References should be in alphabetical order.**
- 13. Over all allignments needed.**
- 14. After that this research is value to publish in your journal.**