



Molecular Mechanisms and Pathology of Psoriasis

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Message from the Guest Editors

Psoriasis is a serious skin disorder affecting men, women and children without any racial distinction. This pathology is characterized by the presence of red or pink patches covered by thick gray danders. Currently, the exact cause of this skin disorder is not known. However, certain mechanisms such as hyperproliferation of keratinocytes, abnormal differentiation of keratinocytes and infiltration of the skin by inflammatory cells have a role to play in the onset of this disease. Several models have been presented in recent years, including both animal and in vitro human models. However, none of these show a complete phenotype of psoriasis. In the field of science, genetically modified mouse models or xenotransplantations allow to see certain characteristics of psoriasis which makes it possible to study different aspects of the pathology. In addition, certain in vitro models made from human cells are more and more similar to the pathology and therefore make it possible to study different aspects of this disease.

This Special Issue of *IJMS* provides a comprehensive overview of the most advanced in vivo and in vitro models that feature reliable characteristics of psoriasis.





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Message from the Editor-in-Chief

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