

Special Issue

Molecular Pathways, Microbiome, and Chronic Inflammatory Skin Diseases: Bridging the Gap

Message from the Guest Editor

This Special Issue will explore the molecular keystones of psoriasis and other chronic inflammatory skin diseases, with a particular focus on the interaction between the skin microbiome and host immune responses. Advances in genomics, transcriptomics, proteomics, and metabolomics have provided novel insights into the pathogenesis of conditions such as psoriasis, atopic dermatitis, and autoimmune bullous dermatoses. We welcome original research and reviews that investigate molecular signaling pathways, cytokine networks, microbe–host interactions, and skin barrier dysfunction. Studies addressing the impact of microbiome composition on immune activation, therapeutic response, and disease progression are of particular interest. We also encourage submissions applying systems biology approaches or identifying molecular biomarkers for diagnosis, prognosis, or targeted therapy. By highlighting these molecular-level insights, this Special Issue will deepen our understanding of chronic dermatoses and pave the way for precision medicine in dermatology.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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