

## Special Issue

# Skin Diseases: Molecular Pathogenesis and Therapeutic Approaches

### Message from the Guest Editors

Current advances in dermatology are based mainly on the recognition of immune pathways that participate in disease pathogenesis and seminal developments in the field of cutaneous biology. The former has revolutionized the therapeutics of many highly prevalent skin conditions. On the other hand, core advances in the field of skin physiology are expected to lead to efficient therapeutic modalities for a series of severe dermatoses, including severe congenital skin conditions and the pathogenesis of distinctive integumental pathologies. We welcome original research and review articles that explore the following: Pathophysiological insights into inflammatory skin diseases, autoimmune conditions, and skin cancers, with emphasis on molecular and cellular interactions implicated in disease development. Seminal findings on the mechanisms of healthy skin homeostasis, cutaneous tissue repair adaptations, skin interactions with pathogens, and novel therapeutic approaches within the context of skin biology. Translational studies in dermatology, highlighting biomarkers, mechanisms of action, and pathway-informed approaches that underpin treatment strategies.

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### Guest Editors

Prof. Dr. Georgios Gaitanis  
Prof. Dr. Ioannis D. Bassukas  
Dr. Achilleas Floudas

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### Deadline for manuscript submissions

31 May 2026



## Biomolecules

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### Message from the Editorial Board

*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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