

## Special Issue

# Molecular Pathophysiology of Dermatitis: Mechanisms and Therapeutic Perspectives

### Message from the Guest Editor

Dermatitis is now recognised as a complex, chronic inflammatory skin disease that is influenced by genetic, immunological, and environmental factors. It is characterised by a disturbed skin barrier, which leads to increased transepidermal water loss (TEWL) and increased susceptibility to infections and allergens. Atopic dermatitis (AD) is also characterised by hypersensitivity in the immune system leading to increased keratinocyte (KC) proliferation, acanthosis, and an enhanced inflammatory response driven by type-2 T helper cells (Th2). This Special Issue will focus on the molecular role, which is not yet fully understood, and summarise what is known about new or alternative therapeutic options and the inhibition of immune hyperreactivity in dermatosis, from mechanisms to therapy. We welcome articles that focus on understanding the immunological aspects observed in skin atopy. These can be original research articles or reviews. Research areas include, but are not limited to, psoriasis, atopic dermatitis, autoinflammatory skin diseases, and allergic contact dermatitis.

### Guest Editor

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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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### Editor-in-Chief

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