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Plant Extracts as a Source of Bioactive Compounds with Beneficial Effects on Skin Health

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Message from the Guest Editors

Dear Colleagues,

Currently, various therapies are used to treat skin disorders; nevertheless, they show limitations, including adverse effects or limited penetration. For that reason, there is ongoing interest in the identification of novel, low-cost, highly effective, and safe molecules that may be applied in the treatment of skin disorders, particularly chronic inflammatory diseases, such as atopic dermatitis and psoriasis. One of the potential sources of biologically active agents are the natural products obtained from plants.

This Special Issue aims to characterize new approaches in the treatment of skin disorders by collecting papers that focus on topics such as atopic dermatitis, wound healing, photoaging, melanogenesis, skin damage, and skin penetration. We also warmly welcome research and review articles on a variety of topics such as the ethnobotany and ethnopharmacology of plants used for skin disease prevention and therapy, the characterization of active ingredients in plant extracts with skin beneficial properties, as well as studies describing the efficacy of natural products (molecules) and their mechanisms of action in the treatment of skin diseases.



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Special Issue



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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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