



The Role of Natural Products in Skin Disease

Guest Editor:

Prof. Dr. Chi-Feng Hung

School of Medicine, Fu-Jen
Catholic University, New Taipei
City 242062, Taiwan

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Message from the Guest Editor

Dear Colleagues,

Atopic dermatitis (AD) is induced by two hypothetical causes: from the inside out, or from the outside in. Allergy triggers lead to a weakened skin barrier, which facilitates the introduction and presentation of allergens. This suggests that inflammation is the culprit for an impaired skin barrier, leading to increased penetration of allergens and response-causing microorganisms, i.e., the inside-out hypothesis. In the other hypothesis, it is the skin barrier that is damaged prior to AD, and this is required for the development of immune dysregulation. Atopic dermatitis still does not have a very good, economical treatment with few side effects. Natural products are those chemical substances produced by living organisms in nature that usually have pharmacological or biological activity. Natural products have been found in the past to regulate allergy and anti-inflammatory effects. It is believed that many ingredients have the ability to modulate the intrinsic and extrinsic factors that cause atopic dermatitis. Through this Special Issue, more potential natural candidate ingredients can be discovered and published.

Prof. Dr. Chi-Feng Hung
Guest Editor





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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MDPI, St. Alban-Anlage 66
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