

## Special Issue

# The Role of Lipids in Skin and Their Impact on Stress, Aging and Inflammation

### Message from the Guest Editors

Lipids are highly important biomolecules for the formation and function of cellular membranes, cellular signaling and cell metabolism. Specifically, in human skin, lipids additionally serve in the formation of the epidermal barrier. On the other hand, lipids also regulate the permeability, physical properties and antimicrobial defenses of the skin. Thus, skin serves as an ideal organ for studying the pleiotropic effects of lipids, as it is frequently exposed to oxidative, chemical and thermal stress. Research has unveiled the biological functions of lipid modifications in skin. These studies have emphasized their important role in stress and immune responses, aging processes, and inflammation in the skin. In this issue, we would like to present a collection of recent developments in skin lipids and their biological importance in the skin, focusing on their impact on stress responses, aging and inflammation.

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### Guest Editors

Dr. Sophia Letsiou

Department of Research and Development, APIVITA SA, 19003 Athens, Greece

Dr. Sophia Hatziantoniou

Laboratory of Pharmaceutical Technology, Department of Pharmacy, School of Health Sciences, University of Patras, 26504 Patras, Greece

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### Deadline for manuscript submissions

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[cosmetics@mdpi.com](mailto:cosmetics@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Enzo Berardesca  
Department of Dermatology and Cutaneous Surgery, University of  
Miami, Miami, FL 33136, USA

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