



Microbiome and Skin and Mucocutaneous Diseases

Guest Editor:

Prof. Dr. Liborija Lugovic-Mihic

1. Department of
Dermatovenereology, University
Hospital Centre Sestre
Milosrdnice, 10000 Zagreb,
Croatia
2. School of Dental Medicine,
University of Zagreb, 10000
Zagreb, Croatia

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Message from the Guest Editor

Dear Colleagues,

As known, the term “microbiome” encompasses numerous bacteria and other microorganisms (fungi, viruses and protozoa) residing in the body (or on the body), including the genomic content of organisms inhabiting a particular body site. Dysbiosis is often defined as an “imbalance” in the microbial community that is associated with various diseases, which could be due to the gain or loss of community members or changes in relative abundance of microbes. Specifically, skin dysbiosis may cause immune dysregulation and potential inflammatory response.

In addition, changes in gut microbiome may be associated with some skin conditions and diseases such as atopic dermatitis and chronic urticaria. Gut and skin are distant organs, but they have particularly complex connections.

Furthermore, changes in microbiome of other body surfaces, including mucosal surfaces, may also be implicated in the development and occurrence of skin conditions. Therefore, studies and data on the possible association between dysbiosis and skin or mucocutaneous diseases could improve the understanding of disease development.





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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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