

## Special Issue

# Microbiome and Skin and Mucocutaneous Diseases

### Message from the Guest Editor

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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### Guest Editor

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### Editor-in-Chief

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