

## Special Issue

# Interplay Between the Human Microbiome and Diseases

### Message from the Guest Editors

The human microbiome has a great impact on our health throughout our lives. The human gut microbiota is the primary source of human microbial populations, contributing considerably to both positive and negative outcomes. The impact of gut microbial population has been studied intensively over the last two decades. The gut microbiota of healthy individuals differs from that of those affected by disease and the deviation in the composition can lead to different disorders. The dysbiosis of the microbiota with respect to different life-threatening diseases such as cancer, cardiovascular disease, bowel inflammatory disease and difficult-to-treat bacterial infections is of great interest. Studies support not only the discovery and understanding of the link between certain diseases and the microbiome, but also the possibility of modifying it through dietary changes, lifestyle changes, the use of special microbe cocktails or fecal microbiota transplantation. Research on the human microbiome and its role in treating diseases is welcomed for publication in this Special Issue.

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## International Journal of Molecular Sciences

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