



Prebiotics and Probiotics in Health and Disease

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Message from the Guest Editors

In this Special Issue of Biomolecules, entitled "Prebiotics and Probiotics in Health and Disease", we would like to better characterize the role that prebiotics and probiotics play in microbiota homeostasis and investigate the mechanisms that underlie the development of diseases leading to dysbiosis.

Maintaining and/or restoring the homeostasis of the microbiota can produce conditions under which diseases associated with dysbiosis do not develop. To this end, it is possible to intervene with the administration of prebiotic substances or with probiotics. The ability of some bacteria to modulate biochemical and physiological reactions in humans continues to attract considerable research interest. Researchers are invited to submit to this Special Issue their clinical and/or in vitro studies on the characterization of microorganisms, functional foods, and synbiotics useful for manipulating the microbiota that contribute to the fight against inflammatory bowel disease, chronic fatigue syndrome, obesity, bacterial vaginitis, periodontitis, and cancer, among many other diseases.





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