

Special Issue

The Role of Probiotics and Their Metabolites in Neurodegenerative and Neuropsychiatric Disorders

Message from the Guest Editor

In recent years, the disturbance of intestinal microbiota balance has been associated with a number of extraintestinal diseases. An increasing number of studies have described bidirectional communications between the gut and the central nervous system, the so-called “microbiota-gut-brain axis”, bringing to light the influence that microbiota have in the onset and/or progression of neurodegenerative and neuropsychiatric disorders. In view of the ability of probiotics to provide health benefits to the host by restoring the normal microbial population, it is definitely interesting to investigate the potential effect of these beneficial microorganisms and their metabolites in the context of neurologic diseases. The aim of this Special Issue will be to collect high-quality data from original research papers and reviews that provide new information on the possible involvement of probiotics and their metabolites in modulating the pathogenesis of diseases of the central nervous system, with exciting prospective in preventive and precision medicine.

Guest Editor

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