

Special Issue

Probiotics and Microbiota-Derived Molecules for Inflammation, Neuroinflammation and Mood Disorders

Message from the Guest Editor

The microbiota plays a crucial role in stress, anxiety, learning and memory, addiction, sexual behaviour, social interaction and depression, as well as in neuroinflammation and neurodegeneration. Dietary ingestion of probiotics and prebiotics affects the gut microbiota composition and reveals the key role played by specific metabolites also in brain health. Microbiota-derived peptides participate in regulating the gut–brain axis. Some effects and mechanisms of probiotics can be similar to those of drugs and may provide suggestions for future interventions. Manipulation of the microbiota can represent a promising therapeutic strategy for mood disorders.

The Issue invites papers that will cover original research and comprehensive review articles on probiotics and microbiota-derived molecules. We are looking forward to receiving your contribution.

Guest Editor

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Deadline for manuscript submissions

closed (15 November 2020)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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