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Gut Microbiota Modulation: Probiotics, Postbiotics and other Bioactive Compounds

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Deadline for manuscript
submissions:

closed (25 September 2024)

Message from the Guest Editors

Dear Colleagues,

In recent years, gut microbiota has been intensively explored at various levels. With the advent of multi-omics techniques such as metagenomics and metatranscriptomics, the structure and function of the microbiota have begun to be understood. Given that 70–80% of immune cells are found in the gut, it is clear what a major impact this “super organ” has on health.

Topics to be covered within this Special Issue include (but are not limited to):

- Novel probiotic strains;
- Influence of probiotics and/or bioactive compounds on gut microbiota modulation;
- Influence of probiotics and/or bioactive compounds in health and disease states;
- Signaling pathways mediating probiotics-host effects;
- Safety and regulations for the use of probiotics;
- Bioactive compounds able to modulate the gut microbiota and generated by fermentation/enzyme hydrolyses or food processing methods.

Contributions of original research to review articles are welcome.

Dr. Inês Brandão

Dr. Christophe Ruis Espírito Santo

Guest Editors



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Special Issue



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