

Special Issue

Gut Microbiota Modulation: Probiotics, Postbiotics and other Bioactive Compounds

Message from the Guest Editors

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.

Guest Editors

Dr. Inês Brandão

Centro de Apoio Tecnológico Agro Alimentar (CATAA) de Castelo Branco, 6000–459 Castelo Branco, Portugal

Dr. Christophe Ruis Espírito Santo

Centro de Apoio Tecnológico Agro Alimentar (CATAA) de Castelo Branco, 6000–459 Castelo Branco, Portugal

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Pharmaceuticals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pharmaceuticals@mdpi.com

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Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

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We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

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