

Special Issue

Probiotics and Their Metabolites

Message from the Guest Editor

Nowadays, probiotics are among the most investigated research topics, owing to their beneficial effects on human, animal, and plant species. Their use as natural and safe functional ingredients is becoming essential and continuing to grow while covering a wider range of applications for food and non-food products. However, their optimal and expected performance is not always achieved without a profound understanding of their actions and interactions within various models. Further efforts are therefore needed to increase our knowledge on probiotics, metabolite products, and microbe–metabolite–host interactions at the molecular level. This special issue aims for original research articles, reviews, communications, perspectives, and opinions dedicated to probiotic action modes and characterization in relation to the produced biomolecules responsible for anti-pathogens, adhesion capacity, biofilm formation, and destruction, and interactions with the host. The selected high-quality articles will help in making progress into the design and development of future probiotic products with better quality, properties, performance, and stability.

Guest Editor

Dr. Hary Razafindralambo

1. ProBioLab, Namur, Belgium
2. Gembloux Agro-Bio Tech, Liege University, B-5030 Gembloux, Belgium

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

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

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Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

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