



## New Advances in Functional Ingredients' Development to Improve Physiological and Functional Properties of Probiotics

Guest Editors:

**Dr. Ascensión Rueda-Robles**

Department of Food Science and Nutrition, University of Granada, Campus Universitario s/n, 18071 Granada, Spain

**Prof. Dr. Cristiano Menezes**

Empresa Brasileira de Pesquisa Agropecuária, Santa Maria, Brazil

**Prof. Dr. Jesús Lozano-Sánchez**

Department of Food Science and Nutrition, University of Granada, Campus Universitario s/n, 18071 Granada, Spain

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### Message from the Guest Editors

This Special Issue focuses on recent advances in innovative extraction, isolation, and encapsulation techniques for functional ingredients' development with pre- and probiotic effects.

Different kinds of bioactive compounds and microorganisms commonly found in foods are capable of exerting pre- and probiotic effects in the body after their ingestion. However, in order to exert their positive effects on the gut microbiota, they must be able to reach their specific site of action. It is noteworthy that both compounds and probiotics should not only be released from the food matrix in significant amounts but also be stable during the digestive process. In this sense, to achieve this goal, the protection and incorporation of these substances into food matrices allowed their transport along the digestive tract until they are released and exert their action. Reviews and research articles including advanced technologies for incorporating bioactive compounds with pre- and probiotic properties into food matrices, stability studies, in vivo and in vitro evaluation and their effects on the microbiota will be considered essential for this Special Issue.





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## Editor-in-Chief

### Dr. Nico Jehmlich

Department of Molecular  
Systems Biology, UFZ-Helmholtz  
Centre for Environmental  
Research, 04318 Leipzig,  
Germany

## Message from the Editor-in-Chief

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*Microorganisms* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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