



Applied Microbiology in Food Technology

Guest Editors:

Dr. Ester Betoret

Instituto de Agroquímica y
Tecnología de Alimentos,
Consejo Superior de
Investigaciones Científicas, 46980
Paterna, Spain

Prof. Dr. Noelia Betoret

Instituto Universitario de
Ingeniería de Alimentos para el
Desarrollo, Universitat
Politécnica de València, 46022
Valencia, Spain

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Message from the Guest Editors

Dear Colleagues,

Probiotic foods can help to prevent or improve the treatment of physiological disorders (digestive, immune, metabolic, etc.), and they also represent a potential alternative strategy to fight excessive use of antibiotics which can produce antibiotic resistances and result in a high cost.

Foods are mostly complex mixtures of macro- and microcomponents organized in a structure that can trap active compounds, modulating their release or inhibiting their activity.

This Special Issue focuses on research studies devoted to studying the effect of food technologies on probiotic microorganisms incorporated into a food matrix (liquid, solid or foam). Scientific or review papers addressed at determining the bioaccessibility of probiotic microorganisms after food processing or storage are welcome. Studies to elucidate, via in depth analysis, the interactions among ingredients during fermentation and processing, the determination of the functional properties of the probiotic microorganisms, and their interplay through gastrointestinal passage are topics of special interest.





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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

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Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
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